

Exhibit J

**UNITED STATES DISTRICT COURT
FOR THE DISTRICT OF RHODE ISLAND**

**OCEAN STATE TACTICAL, LLC,
d/b/a BIG BEAR HUNTING AND
FISHING SUPPLY; JONATHAN
HIRONS; JAMES ROBERT
GRUNDY; JEFFREY GOYETTE;
and MARY BRIMER**
Plaintiffs,

v.

STATE OF RHODE ISLAND
Defendant.

C.A. NO. 1:22-cv-00246-JJM-PAS

DECLARATION OF MEGAN L. RANNEY

1. My name is Megan L. Ranney. I am the Warren Alpert Foundation Professor of Emergency Medicine at Brown University Medical School as well as Professor of Behavioral and Social Sciences and Health Services, Policy, and Practice at the Brown University School of Public Health. I have been retained by the State of Rhode Island's Office of the Attorney General to provide an expert opinion in the above-captioned matter.
2. I am an expert in the fields of emergency medicine and public health with a special emphasis on injury prevention. Attached hereto is my curriculum vitae, Exhibit 1. A list of all other cases in which, in the previous four years, I have testified as an expert at trial or by deposition is attached as Exhibit 2.
3. I have been retained by the Rhode Island Office of the Attorney General to provide opinions regarding the study and prevention of firearm injuries, and the medical treatment of firearm injuries, in this case at a rate of \$250.00 per hour. The expert report I have prepared is attached as Exhibit 3. I hold all opinions expressed in Exhibit 3 to a reasonable degree of professional certainty.



Digitally signed by Megan L.
Ranney
Date: 2022.10.14 08:53:51 -04'00'

Megan L. Ranney, MD,
MPH, FACEP

Date: 14 October 2022

Exhibit 1

MEGAN L. RANNEY, MD, MPH, FACEP

Deputy Dean, School of Public Health

Professor, Department of Behavioral and Social Sciences and Department of Health Services, Policy, and Practice
Warren Alpert Endowed Professor, Department of Emergency Medicine, Alpert Medical School
Brown University

Business Address: 139 Point Street, Providence, RI, 02903
Business Telephone: 401-444-2557
Business FAX: 401-444-2249
EMAIL: megan_ranney@brown.edu / mranney@lifespan.org

EDUCATION

Undergraduate **Harvard College**, Cambridge, MA.
History of Science
A.B., Summa Cum Laude
1993-1997

Undergraduate Honors
1993-1997 John Harvard & Elizabeth Radcliffe Scholarships
1996 Phi Beta Kappa, Elected
1996 Lamont Public Service Fellowship
1996 Education for Action Summer Action Fellow
1996-1997 President, Radcliffe Union of Students
1997 Adams House Coat of Arms

Medical School **Columbia University College of Physicians and Surgeons**
New York, NY
Doctor of Medicine
2000-2004

Medical School Honors
2001 Charles Ray Jones Fellowship
2001 Simon Rifkind Ethics Fellowship
2002-2004 Lawrence Durante Memorial Scholarship
2003 Alpha Omega Alpha, Elected
2004 Leonard Tow Humanism in Medicine Award
2004 Gold Foundation Humanitarian Award

Graduate **Brown University**
Program in Public Health
Providence, RI
Master of Public Health
2008-2010

Other Advanced Degrees/Certificates

2016 **American Medical Informatics Association (AMIA)**
10x10 Course (in conjunction with ACEP)

2017 **American Medical Informatics Association (AMIA)**

Data Analytics Course (in conjunction with ONC)

2018-2019 **Chair Development Program**
 Association of Academic Chairs in Emergency Medicine (AACEM)

POSTGRADUATE TRAINING

Residency **Brown University**
 Emergency Medicine Residency Program
 Department of Emergency Medicine
 Providence, RI
 2004-2007

Fellowships **Brown University**
 Injury Prevention Research Fellowship
 Injury Prevention Center
 Department of Emergency Medicine
 Providence, RI.
 2008-2010

Health Innovators Fellowship
 Aspen Institute. Chosen from among 1000+ applicants.
 2019-present

POSTGRADUATE HONORS AND AWARDS

2007-2008 **Chief Resident**, Brown University School of Medicine, Emergency Medicine
 Residency Program.

2008 **Haffenreffer Award**. For outstanding house officer performance, service, and
 education at Rhode Island Hospital. One of 5 graduating house officers selected for
 award.

2008 **Daniel L. Savitt Resident Teaching Award**. Elected by peers, Department of
 Emergency Medicine, Alpert Medical School.

2008 **Gregory D. Jay Resident Research Award**, Department of Emergency Medicine,
 Alpert Medical School.

2008, 2011 **Loan Repayment Award for Clinical Research**, National Institutes for Health.

2010 **Dean's Excellence in Teaching Award**, Alpert Medical School, Brown University.

2013-2014, 2016 **Outstanding Reviewer Award**, *Academic Emergency Medicine*.

2014 **Rhode Island Bioscience Award**, awarded by the RI Tech Collective in recognition
 of "scientists, researchers, thinkers, and culture changers challenging the status quo."

2014 **Paul Calabresi Faculty Research Award**, Department of Emergency Medicine,
 Alpert Medical School, Providence, RI

2014	Outstanding Physician Award , Department of Emergency Medicine, Alpert Medical School, Providence, RI.
2015	Forty Under Forty in Rhode Island award, Providence Business News.
2015	Young Investigator Award , Society for Academic Emergency Medicine.
2016	Technology Innovation Award , Brown Emergency Medicine, Providence, RI.
2017	Outstanding Investigator Award , Department of Emergency Medicine, Alpert Medical School, Providence, RI
2018	Gregory Jay MD PhD Research Impact Award. Department of Emergency Medicine, Alpert Medical School.
2018	Bruce Selye Research Award. Awarded to a single researcher each year at the Lifespan health system.
2018	American College of Emergency Physicians’ Spokesperson of the Year. National award given to one emergency physician each year. Selected by ACEP Board of Directors.
2018	Physician CARE Award , for outstanding care of patients. Awarded by The Miriam Hospital Chief Medical Officer, Providence, RI.
2018	Outstanding Reviewer Award , <i>Annals of Internal Medicine</i> .
2019	EMRA “45 under 45” Award. Emergency Medicine Residents’ Association.
2019	“Top Doctors in Rhode Island.” Elected by peers.
2019	“Policy Pioneer Award.” American College of Emergency Physicians.
2019	“Woman Physician of the Year.” Rhode Island Medical Women’s Association.
2020	Warren Alpert Endowed Professorship , awarded by Dean Jack Elias with approval of the Brown University Corporation.
2020	Doctor of Distinction. Awarded by Governor Gina Raimondo, Rhode Island.
2020	Outstanding Leadership in Healthcare. Awarded by U.S. Representative David Cicilline.
2020	“50 Experts to Trust in a Pandemic.” Elemental/Medium.
2020	“Who To Watch in 2021”. Providence Monthly.
2020	Bertram Yaffe Award , for an individual with long standing service to the advancement of public health in Rhode Island. Rhode Island Public Health Association.

2020	Rhode Island Woman of the Year. GoLocalProv. Previous awardees include RI Education Commissioner Infante-Greene and RI Governor Raimondo.
2021	“Top Doctors in Rhode Island.” Elected by peers.
2021	Trailblazer in Health & Wellness Award. R.I.S.E. Women’s Leadership Conference Advisory Council.
2022	2022 Women Transforming Healthcare: The Medika Life 2022 Top 30. Elected by Medika Life and their colleagues.
2022	National Academy of Medicine.

PROFESSIONAL LICENSES AND BOARD CERTIFICATION

Licenses

2004-2008	Rhode Island State Medical License LP00243 (inactive)
2008-present	Rhode Island State Medical License 12662 (active)

Certifications

2010-present	Diplomate, American Board of Emergency Medicine Certified until 12/31/2029; passed 10-year recertification exam 09/2018
2012-present	Fellow, American College of Emergency Physicians

ACADEMIC APPOINTMENTS

Primary Appointments

2008-2010	Teaching Fellow, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI.
2010-2016	Assistant Professor, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI.
2016-2021	Associate Professor, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI.
2021-present	Professor, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI.
2021-present	Professor, Department of Behavioral and Social Science, School of Public Health, Brown University.

Secondary Appointments

2009-2010	Adjunct Clinical Faculty, Duquesne University School of Nursing, Family Nurse Practitioner Program.
2013-2016	Assistant Professor, Department of Health Services, Policy, and Practice, School of Public Health, Brown University, Providence, RI.
2016-2021	Associate Professor, Department of Health Services, Policy, and Practice, School of Public Health, Brown University, Providence, RI.
2021-present	Professor, Department of Health Services, Policy, and Practice, School of Public Health, Brown University, Providence, RI.

Departmental Appointments

2014-2020	Director, Emergency Digital Health Innovation (EDHI) Program, Brown Emergency Medicine, Providence, RI.
2016-2020	Director, Special Projects, Brown Emergency Medicine, Providence, RI.

University Appointments

2019-2021	Assistant Dean, Brown Institute for Translational Sciences, Alpert Medical School, Brown University, Providence, RI.
2019-present	Director, Brown-Lifespan Center for Digital Health, Brown University, Providence, RI.
2021	Associate Dean for Strategy and Innovation, School of Public Health, Brown University. <i>February-December 2021.</i>
2021-present	Deputy Dean, School of Public Health, Brown University. <i>Originally "Academic Dean" (December 2021-October 2022).</i>

HOSPITAL APPOINTMENTS

2008-present	Attending Physician, Brown Emergency Medicine/Department of Emergency Medicine, The Miriam Hospital & Rhode Island Hospital, Providence, RI.
2019-present	Director, Brown-Lifespan Center for Digital Health, Lifespan Health Systems, Lifespan, Providence, RI.

OTHER APPOINTMENTS

National Appointments

2014 - 2015	Appointed member, Institute of Medicine Digital Learning Collaborative.
2014 – 2016	Appointed member, mHealth Physician Task Force, HIMSS.
2016	Virtual Mentor, Academic Life in Emergency Medicine Fellowship Incubator.

2017 – present	American Foundation for Firearm Injury Reduction in Medicine (AFFIRM; now AFFIRM at Aspen Institute). <ul style="list-style-type: none"> • Chief Research Officer, 2018-2021 • Senior Strategic Advisor, 2021-present
2019 – present	Aspen Global Leadership Network.
2019 – present	Scientific Advisory Committee, New Jersey Gun Violence Research Center (NJGVRC).
2019 – present	External Advisory Committee, Center for Gun Violence Prevention, Northwell Health.
2020 – 2022	Co-founder and President of the Board, GetUsPPE.
2020	Medical Analyst, CNN.
2021 – present	Appointed member, NASEM Firearms Workshop Planning Committee.
2021 – 2022	Co-director, Duke Clinical Research Institute Think Tank: “Consumerization and Digitization of Healthcare: Where Marketing Meets Clinical Trials.” <i>January 2022</i> .
2022 - present	Trustee, National Opioid Abatement Trust II.

State and Regional Appointments

2004-2010	Rhode Island Sexual Assault Treatment Committee Represented Rhode Island Hospital & The Miriam Hospital Emergency Departments
2008-2012	Rhode Island Child Death Review Team State-wide injury prevention/emergency medicine representative
2009	Guest editor, <i>Medicine & Health Rhode Island</i> , “Emergency Physicians and Public Health” Special Issue.
2009-present	Rhode Island National Violent Death Reporting System, Advisory Committee Appointed state-wide physician representative.
2015-2017	Working Group for Healthcare Innovation, Rhode Island Department of Health and Human Services/Rhode Island Medical Society.
2016-2017	Co-Chair, Blue Cross Blue Shield Rhode Island / Lifespan / Coastal Shared Cost Savings Emergency Department Initiative. (<i>Dissolved</i>)
2017-2020	Medical Lead, Emergency Department Smart Notifications project, Rhode Island Quality Institute. <i>Initiator and medical director for Medicaid-funded project to develop predictive analytics for ED providers, regarding patients at risk of ED recidivism.</i>
2018-2019	Co-chair, Governor’s Gun Safety Work Group. <i>Statewide leadership position. Personally appointed by Governor Gina Raimondo.</i>
2018-present	Mentor, New England Medical Innovation Center Global Accelerator Program.

2018-present Rhode Island Representative, Multi-state Governor's Work Group on Firearm Injury Research. *Appointed by Governor Gina Raimondo.*

2020-present Health Information Technology Steering Committee, Executive Office of Health and Human Services, State of Rhode Island. *Statewide public-private governance committee. Appointed by Secretary of EOHHS.*

2021 Member, Make It Happen Committee, Rhode Island Foundation. *Appointed by the CEO of the Rhode Island Foundation to help draft a strategic plan for the state of Rhode Island for disbursement of American Rescue Plan Funds; plan released October 2021.*

Grant Reviewer

2009 External Grant Reviewer for Intramural Junior Faculty Grants, Department of Emergency Medicine, University of Florida

2014 - 2018 Early Career Reviewer, National Institutes of Health.

2016 Reviewer, 2017/01 ZNS1 SRB-G (09) (Special emphasis panel for RFA-NS-16-016_ Network for Emergency Care Clinical Trials_ Strategies to Innovate EmeRgENcy Care), December 2016.

2016 Review Panel, Robert Wood Johnson Foundation "Mood Challenge for Research Kit."

2016-2017 Review Panel, Crisis Text Line Data Enclave Research Applications.

2017-2020 Reviewer, 2017/08 ZMH1 ERB-X (C1) S, National Institute of Mental Health Special Emphasis Panel, NIH Loan Repayment Programs,

2017-present External Data Safety and Monitoring Board for CTN-0079 and CTN-0081. Appointed member for ongoing external DSMB review for NIDA Clinical Trials Network emergency department trial.

2018 Reviewer, 2018/05 SERV (Mental Health Services Research Committee), National Institute of Mental Health. Ad hoc appointment, March 2018.

2019 Reviewer, Advance-CTR (U54GM115677) Pilot Projects Program Application Reviews, April 2020.

2019 Reviewer, Emergency Medicine Foundation Scientific Review Group.

2020 Reviewer, 2020/05 ZRG1 F16-L (Fellowships: Risks, Prevention, and Health Behavior), Center for Scientific Review. Ad hoc appointment, March 2020.

2020 Reviewer, 2021/ZRG1 RPHB-Z (10) (SBIR & STTR), Center for Scientific Review. Ad hoc appointment, November 2020.

2021 Reviewer, 2021/10 CIDH - Clinical Informatics and Digital Health Study Section, Center for Scientific Review. Ad hoc appointment, June 2021.

Editorial Reviewer

2009	Emergency Medical Journal
2009	Health Policy
2009-present	Academic Emergency Medicine
2010	Disaster Medicine and Public Health Preparedness
2010-present	Annals of Emergency Medicine
2011-present	Journal of Interpersonal Violence
2012-present	Journal of Medical Internet Research
2012-present	Resuscitation
2013-2021	Editorial Board, <i>Annals of Emergency Medicine</i> . * <i>Promoted to Associate Editor, 2016</i>
2014-present	American Journal of Public Health
2015-present	Journal of Adolescent Health
2015-present	BMC series (Public Health, Medical Informatics, Trials)
2015-present	British Medical Journal
2016-present	Annals of Internal Medicine
2016-present	Behavioral Medicine
2016-present	Injury Prevention
2018-present	JAMA series (JAMA, JAMA Open, JAMA Internal Medicine, JAMA Pediatrics)

HOSPITAL COMMITTEES

2005-2008	Graduate Medical Education Committee, Rhode Island Hospital/Alpert Medical School, Brown University.
2016-present	Lifespan Telehealth IT Advisory Board. <i>Appointed position on four-hospital advisory board.</i>
2016-present	Lifespan Research Information Technology Advisory Council. <i>Appointed position on four-hospital council, overseeing all Research IT efforts in the hospital system.</i>
2019-2020	Search Committee, Lifespan Vice President of Research Administration.

2019-present	Lifespan Predictive Analytics Committee. <i>Appointed position on four-hospital advisory board, evaluating and recommending predictive analytic tools for our system.</i>
2020-present	Lifespan Information Services Strategy and Planning Council. <i>Appointed to top-level IT governance body covering all IT applications, systems, and related IT policies across the Lifespan enterprise.</i>

DEPARTMENTAL COMMITTEES

2004-2006	Resident Coordinator, Journal Club, Brown Emergency Medicine Residency, Department of Emergency Medicine, Alpert Medical School, Brown University.
2005	Chair Search Committee, Brown Emergency Medicine, Resident Representative.
2006-2008	Residency Advisory Committee, Brown Emergency Medicine Residency, Department of Emergency Medicine, Alpert Medical School, Brown University.
2006-present	Research Committee, Brown Emergency Medicine. <ul style="list-style-type: none"> • Study Section, Internal Research Grants, 2014-present. • Moderator, Brown Emergency Medicine Research Symposium, 2014.
2010-2019	Benefits Committee, Brown Emergency Medicine.
2014-2019	Grand Rounds Committee, Brown Emergency Medicine.
2015-present	Social Media Advisory Committee, Brown Emergency Medicine.
2016-2019	Clinical Operations Committee, Brown Emergency Medicine.
2016-2021	Awards Selection Committee, Brown Emergency Medicine.
2016-2021	Executive Committee, Brown Emergency Medicine.
2017-2019	Revenue Enhancement Committee, Brown Emergency Medicine.

UNIVERSITY COMMITTEES

2014-2017	Mental Health Community Council, Brown University, Providence, RI. University-wide council.
2015-2017	Program in Liberal Medical Education, Summer Research Assistantship Selection Committee. Brown University, Providence, RI.
2016-2018	Search Committee for Faculty Member for Tenure Track Position, Brown Center for Biomedical Informatics, Brown University.
2017-present	Search Committee for Faculty Member in Research Scholar Track, Division of Primary Care, Department of Pediatrics, Alpert Medical School, Brown University.

2017, 2021	Search Committee for Vice Chair for Academic Affairs, Department of Emergency Medicine, Alpert Medical School, Brown University.
2017-2018	Departmental Search Advisory Committee for Departmental Chair, Department of Emergency Medicine, Alpert Medical School, Brown University.
2018-2019	Search Committee for Faculty Member for Tenure Track Position in mHealth, Department of Behavioral and Social Science, School of Public Health, Brown University.
2019	Search Committee for Executive Director of the Office of Industry Engagement and Commercial Ventures, Office of the Vice President for Research, Brown University.
2021-2022	Search Committee for Inaugural Director for University-wide Global Health Institute. School of Public Health, Brown University.

MEMBERSHIP IN SOCIETIES

American College of Surgeons

2018	Planning Committee, Medical Summit on Firearm Injury
2020-2021	Consultant to the Injury Prevention and Control Committee, Committee on Trauma, Division of Research and Optimal Patient Care

American Medical Association (AMA)

2018-present	Member
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Society for Academic Emergency Medicine (SAEM)

2005-present	Member
2007-2008	Resident Member, <u>Board of Directors</u> (Nationally elected, one-year term).
2008-2010	Appointed member, SAEM National Task Forces: <ul style="list-style-type: none"> • Task Force for Aging and Generational Issues in Academic Emergency Medicine. • Task Force for Regional Meetings, appointed to represent New England region.
2008-2013	Reviewer, Didactics for Annual Meetings
2008-2020	Reviewer, Abstracts for Annual Meetings
2009-2013	Program Committee <ul style="list-style-type: none"> • Chair of the Didactics Subcommittee (2010-2013)
2009-present	Public Health Interest Group <ul style="list-style-type: none"> • Chair (2012-2013)
2012-2014	Nominating Committee (Nationally elected, two-year term.)
2013-2014	Planning Committee, Consensus Conference on Gender Disparities in Emergency Medicine (held in May 2014) <ul style="list-style-type: none"> • Chair, Mental health Consensus Group
2013-present	Research Committee <ul style="list-style-type: none"> • Chair (2014-2017)
2017-2020	Member-at-Large, <u>Board of Directors</u> (Nationally elected, three-year term). <ul style="list-style-type: none"> • Chair of the Digital Innovation Task Force (2017-2018) • Chair of the Consensus Conference Task Force (2017-2020)
2021-present	Member, Telehealth Fellowship Committee

SAEM New England Regional Meeting

2008-2021 Member, Planning Committee for Annual Meeting
 • Co-Chair, 2013

Society for the Advancement of Violence & Injury Research (SAVIR)

2008-present Member
 2009-2014 Member, Advocacy Committee

MomDocFamily (MDF), Office of Women in Medicine and Science, Brown University

2008-present Member

Academy for Women in Academic Emergency Med (AWAEM)

2009-present Member
 2010-2012 Regional Meeting Advisory Committee

Academy for Diversity and Inclusion in Emergency Med (ADIEM)

2011-present Member

American Medical Informatics Association (AMIA)

2016-present Member

American College of Emergency Physicians (ACEP)

2004-present Member
 2009-present Trauma and Injury Prevention Section
 • Newsletter Editor (2010-2012)
 • Chair (2011-2014)
 2013 National Institute of Drug Abuse (NIDA)/ Centers for Disease Control and Prevention (CDC)/ American College of Emergency Physicians (ACEP) Satellite Conference: “Addressing Substance Use in the Emergency Department.” Seattle, WA
 • Chair (2013)
 2014 - 2016 Chair, ACEP Firearm Injury Prevention Research Technical Advisory Group. (Committee dissolved as we achieved our objective.)
 • Chair (2014-2016)
 2014-present Research Committee
 • Chair, Firearm Injury Prevention Research Sub-Committee (2014-2016)
 2014-present Public Health and Injury Prevention Committee
 • Chair, Pediatric Firearm Injury Policy Sub-Committee (2015-2016)
 • Chair, Firearm Injury Prevention Sub-Committee (2016-2019)

Rhode Island Medical Society

2005-present Member

American Public Health Association

2008-14 Member
 2020-present Member

COMMUNITY SERVICE

1997-2000 Peace Corps Volunteer. Côte D’Ivoire, West Africa.

2009-2011	Rhode Island Free Clinic , Volunteer clinician. Providence, RI.
2009-2012	Institute for the Study and Practice of Nonviolence (ISPN) , Physician Advisor.
2013-2018	Providence Children's Museum , Annual Giving Committee. Providence, RI.
2015-present	Data Ethics Committee , Crisis Text Line (http://www.crisistextline.org/), NYC.
2017-present	American Foundation for Firearm Injury Reduction in Medicine (AFFIRM Research) , Co-Founder, Board Member (2017-2020), Chief Research Officer (2018-2021), Senior Strategic Advisor (2021-present).
2020-2021	GetUsPPE , Co-Founder and President of the Board.
2020-present	Non Violence Institute (formerly ISPN), Board Member. Providence, RI.
2020-present	ZeroNow , Board Member, Leesburg, VA.

PUBLICATIONS LIST (h-index as of 11/2021: 34)

ORIGINAL RESEARCH PUBLICATIONS IN PEER-REVIEWED JOURNALS (in chronological order)

1. Krosin MT, Klitzman R, Levin B, Cheng J, **Ranney ML**. "Problems in comprehension of informed consent in rural and peri-urban Mali, West Africa." *Clin Trials*, 2006 3(3):306-313. PMID: 16895047
2. **Ranney ML**, Gee E, Merchant RC. "Non-prescription availability of emergency contraception in the United States: Current status, controversies, and impact on the emergency department." *Ann Emerg Med*, 2006 47(5):461-71. [Epub 2005 Sep 13]. doi: 10.1016/j.annemergmed.2005.07.001. PMID: 16631987
3. **Ranney ML**, Partridge R, Jay G, Rozzoli DE, Pandey P. "Rabies antibody seroconversion rates among travelers in Nepal." *J Trav Med*, 2006 Nov-Dec;13(6):329-333. doi: 10.1111/j.1708-8305.2006.00067.x. PMID: 17107424
4. **Ranney ML**, Mello MJ, Baird JB. "Helmet use by 510 injured motorcyclists in a state with limited helmet laws." *Med Health R I*, 2008 Apr;91(4):100-2. PMID: 18595586
5. **Ranney ML**, Odero WW, Mello MJ, Waxman M, Fife RS. "Injuries from Interpersonal Violence Presenting to a Rural Health Center in Western Kenya: Characteristics and Correlates." *Inj Prev*, 2009 Feb;15(1):36-40. doi: 10.1136/ip.2008.019547. PMID: 19190274
6. **Ranney ML**, Verhoek-Oftedahl W, Rommel J, Mello MJ. "Analysis of Intentional and Unintentional Injuries Caused by Firearms and Cutting/piercing Instruments among Providence Youth, Nov 2004-Dec 2007." *Med Health R I*, 2009 Jun 92(6):200-3. PMID: 19634620
7. **Ranney ML**, Chai P, Mello MJ, Baird J, Clark M. "Correlates of helmet use among newly licensed motorcyclists: a survey." *Accid Anal Prev*, 2010 Nov;42(6):2057-2062. doi: 10.1016/j.aap.2010.06.017
8. **Ranney ML**, Rennert-May E, Spitzer R, Mabeya H. "A Novel ED-based Sexual Assault Center in Western Kenya: Description of Patients and Analysis of Treatment Patterns." *EMJ* 2011 Nov; 28(11):927-31. [Epub 2010 Oct 14]. doi: 10.1136/emj.2010.096412. PMID: 20947922
9. **Ranney ML**, Whiteside L, Walton MA, Chermack ST, Zimmerman MA, Cunningham RM. "Sex Differences in Characteristics of Adolescents Presenting to the Emergency Department With Acute Assault-Related Injury." *Acad Emerg Med*, 2011 Oct;18(10):1027-35. doi: 10.1111/j.1553-2712.2011.01165.x. PMID: 21996067

10. **Ranney ML**, Mello MJ. "A Comparison of Female and Male Adolescent Victims of Violence Seen in the Emergency Department." *J Emerg Med*, 2011 Dec;41(6):701-6. doi: 10.1016/j.jemermed.2011.03.025. PMID: 21536402
11. **Ranney ML**, Madsen T, Gjelsvik A. "Predictors of Being Unsafe: Participation in the Behavioral Risk Factor Surveillance System 2006 Intimate Partner Violence Module." *J Interpers Violence*, 2012 Jan; 27(1):84-102. doi: 10.1177/0886260511416470. PMID: 21810792
12. Choo EK, **Ranney ML**, Aggarwal N, Boudreaux ED. "A Systematic Review of Emergency Department Technology-Based Behavioral Health Interventions." *Acad Emerg Med*, 2012 Mar; 19(3):318-28. doi: 10.1111/j.1553-2712.2012.01299.x. PMID: 22435865
13. **Ranney ML**, Choo EK, Wang Y, Baum A, Clark MA, Mello MJ. "Emergency Department Patient Preferences for Technology-Based Behavioral Interventions." *Ann Emerg Med*, 2012 Aug;60(2):218-227.e48. [Epub 2012 Apr 27]. doi: 10.1016/j.annemergmed.2012.02.026 PMID: 22542311
14. Choo EK, **Ranney ML**, Wong Z, Mello MJ. "Attitudes toward Technology-Based Health Information among Adult Emergency Department Patients with Drug or Alcohol Misuse." *J Subst Abuse Treat*, 2012 Dec;43(4):397-401. doi: 10.1016/j.jsat.2012.09.005. PMID: 23107105 PMCID: PMC4325362
15. Choo EK, **Ranney ML**, Mello MJ, Clark MA, Charest T, Garro CF, Bertsch K, Larsen S, Zlotnick C. "High Risk Health Behaviors and Health Access Among Female Adult Entertainment Club Employees." *Women Health*. 2012;52(7):646-57. doi: 10.1080/03630242.2012.707172. PMID: 23067150
16. Whiteside L, **Ranney ML**, Chermack S, Zimmerman M, Walton M, Cunningham RM. "The Overlap of Youth Violence Among Aggressive Adolescents with Past Year Alcohol Use, A Latent Class Analysis: Aggression and Victimization in Peer and Dating Violence in an Inner City Emergency Department Sample." *J Studies Alc Drugs*, 2013 Jan;74(1):125-35. PMID: 23200158 PMCID: PMC3517255
17. **Ranney ML**, Daya M. "Twitter and resuscitation education: Is this the future?" *Resuscitation*. 2013 Feb;84(2):147-8. doi: 10.1016/j.resuscitation.2012.12.001. [Epub 2012 Dec 7]. PMID: 23228557
18. **Ranney ML**, Choo EK, Spirito AS, Mello MJ. "Adolescents' preference for technology-based emergency department behavioral interventions: Does it depend on risky behaviors?" *Pediatr Emerg Care*, 2013 Apr;29(4):475-81. doi: 10.1097/PEC.0b013e31828a322f. PMID: 23528509
19. **Ranney ML**, Walton M, Whiteside L, Epstein-Ngo Q, Patton R, Chermack S, Blow F, Cunningham RM. "Correlates of depressive symptoms among at-risk youth presenting to the emergency department." *Gen Hosp Psychiat*, 2013 Sep-Oct;35(5):537-44. [Epub 2013 Jun 28]. doi: 10.1016/j.genhosppsy.2013.05.007. PMID: 23810465 PMCID: PMC3775848
20. Taggart I, **Ranney ML**, Howland J, Mello MJ. "A Systematic Review of Emergency Department Interventions for College Drinkers." *J Emerg Med*. 2013 Dec;45(6):962-8. [Epub 2013 Sept 21]. doi: 10.1016/j.jemermed.2013.05.065. PMID: 24063880
21. Cunningham RM, **Ranney ML**, Newton M, Woodhull W, Zimmerman M, Walton MA. "Characteristics of Youth Seeking Emergency Care for Assault." *Pediatrics*. 2014 Jan;133(1):e96-105. [Epub 2013 Dec 9]. doi: 10.1542/peds.2013-1864. PMID: 24323994

22. **Ranney ML**, Choo EK, Cunningham RM, Spirito A, Thorsen M, Mello MJ, Morrow K. "Acceptability, language, and structure of text-message-based behavioral interventions for high-risk adolescent females: A qualitative study." *J Adolesc Health*. 2014 Jul;55(1):33-40. [Epub 2014 Feb 18]. doi: 10.1016/j.jadohealth.2013.12.017. PMID: 24559973 PMCID: PMC4065850
23. Kim D, Choo EK, **Ranney ML**. "Impact of Gender on Patient Preferences for Technology-Based Behavioral Interventions." *West J Emerg Med*. 2014 Aug;15(5):593-9. [Epub 2014 Aug 1]. doi: 10.5811/westjem.2014.4.21448. PMID: 25157307 PMCID: PMC4140202
24. Madsen T, Riese A, Choo EK, **Ranney ML**. "Effects of a Web-based Educational Module on Pediatric Emergency Medicine Physicians' Knowledge, Attitudes, and Behaviors Regarding Youth Violence." *West J Emerg Med*. 2014 Aug;15(5):615-22. [Epub 2014 Aug 1]. doi: 10.5811/westjem.2014.4.21365. PMID: 25157311 PMCID: PMC4140206
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21. Cruz T, Gallagher S, **Ranney ML**. "Advocacy among Injury and Violence Prevention Researchers: Capacity and Training Needs". Extended Oral Presentation (1.5 hours) at 2013 National Meeting of the Safe States Alliance and SAVIR. Baltimore, MD. *June 2013*.
22. Benedetto F, **Ranney ML**, Amanullah S. "Emergency Department Utilization Among Assault Injured Youth: Implications for Youth Violence Screening." Oral Presentation. American Academy of Pediatrics National Conference. Orlando, FL, *October 2013*.
23. **Ranney ML**, Patena J, Cunningham RM, Boyer E, Walton M, Spirito A, Zatzick D, Morrow K. "A qualitative study of a text-message-based depression prevention intervention for high-risk adolescents." 22nd NIMH Conference on Mental Health Services Research (MHSR), "MHSR 2014: Research in Pursuit of a Mental Health Care System." Bethesda, MD, *April 2014*.
24. Madsen T, Riese A, Choo EK, **Ranney ML. (presented by me)** "Effects of a Web-Based Educational Model on Pediatric Emergency Physicians' Knowledge, Attitudes, and Behavior Regarding Youth Violence." Oral Presentation. SAEM Annual Meeting, Dallas, TX, *May 2014*.
25. Chai PR, Wu RY, **Ranney ML**, Porter PS. Seeing the Future and Missing the Past: The Feasibility and Acceptability of Google Glass for Emergency Department Dermatology Consultations. University Health System Consortium Annual Conference, Las Vegas, NV. *October 2014*.

26. Yen S, Tezanos K, Cuong A, **Ranney M**, Solomon JB, Kahler C, Spirito A. "Using text messaging to deliver positive affect skills: examining naturalistic response rate and predictors of engagement in suicidal adolescents." 48th Annual Meeting of the Association for Behavioral and Cognitive Therapy, Philadelphia, PA, *November 2014*.
27. Yen S, Tezanos K, Cuong A, **Ranney M**, Solomon JB, Kahler C, Spirito A. "Using text messaging to deliver positive affect skills: examining naturalistic response rate and predictors of engagement in suicidal adolescents." 7th Annual Conference on the Science of Dissemination & Implementation, NIH, Bethesda, MD, *December 2014*.
28. Riese A, **Ranney ML**, Baird J, Mello MJ. "The use of adolescent health risk behavior questionnaires, discussions of youth violence, and its relationship with other risk behavior discussions in primary care." Podium presentation at Injury Free Kids Coalition, Cincinnati, OH, *December 2014*.
29. **Ranney ML**, Freeman J, Cunningham RM, Boyer E, Walton M, Spirito A, Zatzick D, Morrow K. "iDOVE: A Mixed Methods Study." Poster Presentation, Society for Academic Emergency Medicine, San Diego, CA, *May 2015*.
30. Duarte C, Birnbaum F, Connell G, **Ranney M**. "iDOVE: Characteristics of Adolescents eligible for a Text Message Based Depression Intervention" American College of Physicians, *March 2016*.
31. Chandra A, **Ranney M**, Huang J, Chun T, Spirito A, Duffy S, Nugent N. "Understanding the Role of Social Environment and Early Symptoms of PTSD in Adolescents Following Physical Trauma" Mind-Brain Research Day, *March 2016*.
32. Yen S, Spirito A, **Ranney M**, Kahler C, Tezanos K, Chuong A, Krek M, Solomon JB "Skills to Enhance Positivity: A Multimodal Intervention for Suicidal Adolescents." Society for Affective Science, Boston, MA, *April 2017*.
33. Mumma B, Chang AM, Kea B, **Ranney ML**. "Career Development Awards in Emergency Medicine: Resources and Challenges." *Lightning Oral*, Society for Academic Emergency Medicine, Orlando, FL, *May 2017*.
34. Goldberg EM, **Ranney ML**, Choo EK, Beck-Esmay J, Kass D. "FemInEM: An Open Access Platform to Bring Women in Emergency Medicine Together." *Spotlight Oral*, Society of Academic Emergency Medicine, Orlando, FL, *May 2017*.
35. **Ranney ML**, Pittman S. "Assessment and Treatment in Context: Marital, Parent-Child, and Peer Relationships" *Selected Symposium*, Association for Psychological Science, Boston, MA, *May 2017*.
36. **Ranney ML**, Pittman S, Dunsiger S, Guthrie K, Spirito AS, Boyer E, Cunningham RM. "Reducing Peer Violence and Depressive Symptoms Among At-Risk Youth Through an ED-Initiated Text-Message Intervention." *Selected Oral Presentation*, Innovations in Injury Prevention Science, Society for the Advancement of Violence and Injury Research, *September 2017*.
37. Pittman SK, Morgan KE, Ybarra M, Huang J, Spirito A, Rosen R, **Ranney ML**. "Adolescent Cyberbullying Intervention Development: Results from a Qualitative Investigation into Teens' Perspectives and Preferences." *Poster Presentation*, 25th Annual Lifespan Hospitals Research Symposium. 2017; 25:Abstract #45.

38. Thorsen M, Sarkar IN, Chen E, Fontaine E, Walker G, **Ranney ML**. "Assessing Data Quality Within Health Information Exchanges: A Case Study Supporting Emergency Department Research." American Medical Informatics Association Annual Meeting, November 2017.
39. Bromberg J, Mello MJ, Baird J, Gaines B, Lapidus G, Parnagian C, **Ranney M**, Wills H. "Acceptability of an electronically delivered parenting skills intervention for parents of alcohol or drug positive pediatric trauma patients." *Oral Presentation*, Injury Free Coalition for Kid National Conference, Fort Lauderdale, FL, December 2017.
40. Hajjar M, Morgan K, Martin T, Hudepohl N, **Ranney ML**. "Emergency Department Texting Lifespan With Care: The Feasibility and Acceptability of a Bidirectional, Text-Message-Based Intervention in the Emergency Department." *Oral presentation*, New England Research Directors' Regional Meeting, Worcester, MA, March 2018.
41. Luchette K, Dorroh J, Pensa G, **Ranney ML**, Martin T. "Feasibility of asynchronous learning in collegiate EMS: impact of a novel training program on self-reported measures of confidence." Poster Presentation at National Collegiate Emergency Medical Services Foundation Conference, Philadelphia, PA, *February 2018*.
42. Montgomery MC, Thorsen M, Guthrie KM, **Ranney ML**. "A feminist analysis of motivations for aggression in interviews with high-risk adolescent girls." *Oral Presentation*, Lavender Languages and Linguistics 25, Providence, RI, April 2018.
43. Hajjar M, Morgan K, Martin T, Hudepohl N, **Ranney ML**. "Emergency Department Texting Lifespan With Care: The Feasibility and Acceptability of a Bidirectional, Text-Message-Based Intervention in the Emergency Department." *Oral presentation*, Society for Academic Emergency Medicine Annual Meeting, Indianapolis, IN, May 2018.
44. Pittman, S.K., Rochelle, R.K., Moseley I., Riese, A., Spirito, A., Ybarra, M., Morgan, K.E., **Ranney, ML**. Intervention to Prevent Cyber-victimization among Adolescents through Text Messaging (iPACT) program: Feasibility and Acceptability. *Poster*, Association of Behavioral and Cognitive Therapies (ABCT) Annual Convention, November 2018, Washington, DC.
45. Roszko PJ, McGlynn A, **Ranney ML**. "Utilizing the NEMSIS Database to Assess for an Association between State Open Carry Laws and EMS Activations for Firearm Injuries." *Poster*, National Association of EMS Physicians Annual Meeting, January 2019, Austin, TX
46. Thomasian N, Morgan K, Lawrence A, **Ranney ML**. "Emergency medicine physician perspectives on clinical decision support for behavioral health risk prediction." *Oral poster*, Society for Academic Emergency Medicine, May 2019, Las Vegas NV.
47. Langdon KJ, Scherzer C, **Ranney M**, Rich J, & Ramsey S. "Barriers and Facilitators to Engagement in Medication-Assisted Treatment." *Poster* presented at the 2019 Rhode Island NIH IDEa Symposium. June 2019, Providence, RI.
48. **Ranney ML**, Patena J. "IMPACT: An online cyberbullying prevention program." *Oral presentation* at the Technology and Adolescent Mental Health (TAM) symposium, September 2019, Madison, WI.
49. **Ranney ML**. "Social media sentiment after mass shootings." *Oral presentation* at the FACTS Symposium on Gun Violence Research. October 2019, Ann Arbor, MI.

50. Lehrbach KR, Spirito A, Dunsiger S, **Ranney ML**. "Understanding the relationship between nutrition and adolescent's mental health: Food for Thought." *Poster*, Societal for Behavioral Medicine Annual Meeting. April 2020, San Francisco, CA. (Cancelled due to COVID19).
51. Diurba S, Johnson RL, Siry BJ, Knoepke CE, Suresh K, Simpson SA, Azrael D, **Ranney ML**, Wintemute GJ, Betz ME. Emergency Department Provider Attitudes and Behaviors Regarding Lethal Means Assessment and Counseling. *Poster*, Society for Academic Emergency Medicine Annual Meeting, May 2020, Denver, CO. (Cancelled due to COVID19)
52. Scherzer C, Jimenez P, Carey K, Ramsey S, **Ranney M**, Rich J, Langdon KJ. "The role of stigma in the acceptance and disclosure of opioid use disorder: A qualitative study." *Poster*, submitted to present at the *2020 Symposium on Substance Use Research*. November, 2020. (Digital due to COVID19).
53. Langdon, KJ, Scherzer CR, Ramsey S, Carey K, Rich J, **Ranney ML**. "Feasibility/Acceptability of a Digital Health Intervention to Augment Outpatient Buprenorphine Treatment." *Poster abstract* submitted to the annual (virtual) conference for ASAM.
54. Haley Appaneal, Aisling Caffrey, Xin Liao, Vrishali Lopes, **Megan Ranney**, Larissa May, David Dosa, Kerry LaPlante. Trends in Outpatient Antibiotic Use Across a Large United States (US) Government Medical Facility. Oral Session at the 31st European Congress of Clinical Microbiology and Infectious Diseases (ECCMID), July 9-12, 2021; Virtual Event.
55. Trinka TD, Vriniotis M, Orchowski LM, Nugent NR, Beidas RS, Betz ME, Bucher A, Kesner T, Hudson C, **Ranney ML**. "Firearm injury bystander interventions by 4-H Shooting Sports leaders: A qualitative study." *Poster presentation* at the FACTS Symposium on Firearm Injury Prevention Research. October 2021; Virtual Event.
56. Block, A., Jiménez, P. M., Bhuptani, P., Ramsey, S., **Ranney, M. L.**, Carey, K., Rich, J., Langdon, K. J. (2022, March 3-5). Digital Health Intervention to Promote Engagement in and Adherence to Buprenorphine [Conference presentation abstract]. 93rd Eastern Psychological Conference, New York, NY, United States.
57. Silverman, A., Vriniotis, M., Beidas, R., Nugent N., Kesner T., Orchowski L.M., **Ranney M**. "The Development of a Bystander Intervention Training to Reduce Risk of Youth Firearm Injury." Oral presentation at the American Public Health Association Annual Meeting and Expo. November 2022. Boston, MA.

** = international abstract presentation

SCHOLARLY WORK PUBLISHED IN OTHER MEDIA:

Active on Twitter [@meganranney](#), with >110,000 followers

PEER REVIEWED IN OTHER MEDIA:

1. **Ranney ML**. "Public Health and EM." *Academic Life in Emergency Medicine*, August 17, 2013. Available at: <http://academiclifeinem.com/public-health-and-em-a-new-series-by-dr-megan-ranney/>
2. **Ranney ML**. "The Public Health Model: A Primer for Emergency Care Providers." *Academic Life in Emergency Medicine*, September 9, 2013. Available at: <http://academiclifeinem.com/the-public-health-model-a-primer-for-emergency-care-providers/>

3. **Ranney ML.** “Peer Violence: A Public Health Perspective. *Academic Life in Emergency Medicine*, November 7, 2013. Available at: <http://academiclifeinem.com/peer-violence-a-public-health-perspective/>
4. **Ranney ML.** “Policy Change: A Brief Primer for Emergency Physicians.” *Academic Life in Emergency Medicine*, December 17, 2013. Available at: <http://academiclifeinem.com/policy-change-brief-primer-emergency-physicians/>
5. **Ranney ML.** “Population vs Public Health: A False Dichotomy” *Academic Life in Emergency Medicine*, February 18, 2014. Available at: <http://academiclifeinem.com/population-vs-public-health-false-dichotomy/>

NON-PEER REVIEWED/OTHER MEDIA:

1. **Ranney ML.** “mHealth’s Evidence Gap.” *mHealth News*, April 8, 2014. Available at: <http://www.mhealthnews.com/blog/mhealths-evidence-gap?page=1> [accessed April 15, 2014].
2. “I am Dr. Megan Ranney, Director of Brown’s Emergency Digital Health Innovation program: How I Work Smarter.” *Academic Life in Emergency Medicine*, January 4, 2015. <https://www.aliem.com/2015/01/megan-ranney-how-i-work-smarter/>
3. **Ranney ML.** “mHealth and Wearables: Is the Info Getting to the Right Place?” *HIMSS Clinical Informatics Newsletter*, Feb 9 2015. Available at: http://www.himss.org/News/NewsDetail.aspx?ItemNumber=38691&navItemNumber=17425&mkt_to_k=3RkMMJWWfF9wsRolsqzLZKXonjHpfsX56eosXqKylMI%2F0ER3fOvrPUfGjI4CRcpnl%2BSLDwEYGJlv6SgFQ7LHMbpszbgPUhM%3D
4. “Cyberbullying.” The Rhode Show, May 2015. Available at: <https://www.youtube.com/watch?v=G5hE4TMRZP0>
5. Ranney ML. “ED Superusers.” ACEP Frontline Interview, October 2015. <https://itunes.apple.com/us/podcast/acep-frontline/id1063793120>
6. “Firearm Injury Prevention.” The Dan Yorke State of Mind. December 2015. Available at: <https://www.youtube.com/watch?v=g4bKPs88IDE>
7. Betz E, **Ranney ML.** “Doctors of America, You Are Free To Counsel Patients About Guns.” *New Scientist*, May 16, 2016. Available at: <https://www.newscientist.com/article/2088388-doctors-of-america-you-are-free-to-counsel-patients-about-guns/>
8. **Ranney ML**, Betz E. “Firearm Safety & the Public Health Approach to Risk in the ED.” Urgent Matters Podcast, February 2017. <http://blogs.gwu.edu/urgentmatters/podcast-2/>
9. Dark C, Pines J, **Ranney ML**, Trueger S. “Policy Trends in 2016: Value in Health Care, Gun Violence, and the Effects of the ACA.” Emergency Physician Advocates: AAEM Podcast, Winter 2016 <http://www.aaem.org/UserFiles/Episode25.mp3s>
10. “How NRA Lobbying Has Suppressed Gun Violence Research.” Interview on Quirks and Quarks, Canadian Broadcasting Corporation, October 2017. <http://www.cbc.ca/radio/quirks/october-7-2017-1.4343355/nra-lobbying-has-suppressed-gun-violence-research-1.4343359>

11. **Ranney ML.** “Five Things Americans Can Do Today to Reduce Gun Deaths.” Feb 15, 2018. <https://www.kevinmd.com/blog/2018/02/5-things-america-can-today-reduce-gun-deaths.html>
12. “Reframing Firearm Violence”. Podcast through Little Big Med, March 2018. <http://littlebigmed.com/reframingfirearmviolence/>
13. “The ER Doctor Gathering Physicians’ Up-Close Experiences with Gun Violence.” The Trace, March 20, 2018. <https://www.thetrace.org/rounds/doctors-gun-violence-stories-gsw-megan-ranney/>
14. **Ranney ML, Beidas R.** “Generation Parkland: How mass shootings are affecting America's children — and how we can help.” *NBC Think*, March 23, 2018. <https://www.nbcnews.com/think/opinion/generation-parkland-how-mass-shootings-are-affecting-america-s-children-ncna859456>
15. “With Scarce Gun Violence Research Available, Clinical and States Look to Fill the Vacuum.” *Modern Healthcare*, April 2, 2018. <http://www.modernhealthcare.com/article/20180402/NEWS/180409992>
16. Interview with Barbara Morse Silva: <http://turnto10.com/features/health-landing-page/grant-targets-gun-violence-and-kids> *NBC Health*, April 27, 2018
17. “What Physicians Can Do Tomorrow to Reduce Gun Violence Deaths.” *Medpage Today*, June 13, 2018. <https://www.medpagetoday.com/meetingcoverage/ama/73488>
18. Interview on *CNN-Headline News*, regarding new AMA gun violence resolutions. June 13th, 2018. (not available via weblink)
19. **Ranney ML.** “Should Doctors Routinely Talk to Patients About Gun Use?” *Wall Street Journal*, June 24, 2018. <https://www.wsj.com/articles/should-doctors-routinely-talk-to-patients-about-gun-use-1529892361>
20. Profiled by AMA Wire: “Members move medicine: Pursuing prevention despite the obstacles.” *AMAWire*, July 11, 2018. <https://wire.ama-assn.org/life-career/members-move-medicine-pursuing-prevention-despite-obstacles>
21. Interviewed by MSNBC. November 11, 2018.
22. Interviewed by “The Takeaway.” November 13, 2018. <https://www.wnycstudios.org/story/doctors-nra-our-lane-gun-violence>
23. **Ranney ML, Sher H, Kass D.** “Medical professionals to NRA: Guns are our lane. Help us reduce deaths or move over.” <https://www.usatoday.com/story/opinion/2018/11/10/health-care-professionals-nra-help-us-reduce-gun-deaths-column/1956288002/> November 10, 2018.
24. Interviewed by *Washington Post*: “Surgeons — many of them gun owners — recommend new gun-safety approaches.” https://www.washingtonpost.com/national/surgeons--many-of-them-gun-owners--recommend-new-gun-safety-approaches/2018/11/14/5d6aa3aa-e77c-11e8-a939-9469f1166f9d_story.html?utm_term=.e812c01b9402 November 13, 2018.
25. Interviewed by the BBC. “The US Doctors Standing up To Gun Violence.” <https://www.bbc.co.uk/programmes/p06v23qw> Dec 9, 2018.

26. Rubin R. “Physicians are Steering the Conversation About Gun Violence.” *JAMA*, Dec 14 2018. <https://jamanetwork.com/journals/jama/fullarticle/2719213>
27. Interviewed by Morning Joe, MSNBC, April 23, 2019. <https://www.msnbc.com/morning-joe/watch/father-who-lost-son-in-parkland-launches-new-psa-1503736899643>
28. “Twenty Years After Columbine.” *The New Yorker*, April 2019. <https://www.newyorker.com/news/news-desk/twenty-years-after-columbine>
29. “How emergency physicians are working to reduce gun violence.” *ACEP Now*, May 2019. <https://www.acepnow.com/article/how-emergency-physicians-are-working-to-prevent-firearm-injury/>
30. Interviewed for “Gun violence research at standstill due to lack of federal funding.” *Modern Healthcare*, April 13 2019. <https://www.modernhealthcare.com/providers/gun-violence-research-standstill-due-lack-federal-funding>
31. “Megan Ranney on Ending Gun Violence.” *Explore The Space* podcast, May 3, 2019. <https://www.exploretthespaceshow.com/podcasting/megan-ranney-on-ending-gun-violence/>
32. “Gun violence: An ER Doctor’s Perspective.” *The Ladies’ Room*, May 6, 2019. <https://intheladiesroomwithdrdonnica.libsyn.com/75-megan-ranney-md-mph-gun-violence-an-er-doctors-perspective>
33. “Guns and suicide.” *JAMA Network podcast: In Our Lane*, co-produced with AFFIRM Research. July 2019. https://edhub.ama-assn.org/jn-learning/audio-player/17729085?resultClick=1&bypassSolrId=M_17729085
34. “What Matters Most #554” *What Matters Most* podcast, June 9, 2019. <https://www.paulsamueldolman.com/parent/podcasts/pauly-cast/dr-megan-ranney-554/>
35. Interviewed for “Guns in the home, greater risk of family homicide.” *US News*, July 22 2019. <https://www.usnews.com/news/health-news/articles/2019-07-22/guns-in-home-greater-odds-of-family-homicide>
36. Interviewed for “RAND fund awards \$10 million for gun research.” *NPR / Guns in America*. July 26, 2019. <https://gunsandamerica.org/story/19/07/25/rand-fund-awards-10-million-for-gun-research/>
37. How Psychiatrists Can Fight Mental Health, Kevin Kunzman@NotADoctorKevin, August 08, 2019, <https://www.mdmag.com/medical-news/how-psychiatrists-can-fight-mental-health-stigma> [mdmag.com], quoted
38. Emergency Doctor to Trump: You Are Wrong, Mental Illness Is Not to Blame for Gun Violence Epidemic. *Democracy Now!* August 08, 2019, Amy Goodman with Nermeen Shaikh. https://www.democracynow.org/2019/8/8/mental_illness_gun_violence_suicide_risk [democracynow.org]- interviewed/featured guest
39. RI Not Immune from Mass Shooting Fear. *Providence Journal*, Aug 5, 2019, Madeleine List. <https://www.providencejournal.com/news/20190805/ri-not-immune-from-mass-shooting-fear> [providencejournal.com]- quoted

40. Doc Group Pays for Gun Violence Research—Medpagetoday.com, August 05, 2019, Kristina Fiore <https://www.medpagetoday.com/publichealthpolicy/generalprofessionalissues/81430> [medpagetoday.com] - feature article
41. Congress Funds Gun Violence Research for the First Time in Over 20 Years, February 13, 2020. <https://www.wnycstudios.org/podcasts/takeaway/segments/congress-funds-gun-violence-research-first-time-over-20-years> [wnycstudios.org] - interviewed/featured guest
42. John King Inside Politics, CNN. “Doctor says hospitals don't have supplies Trump talks about.” March 19, 2020. <https://www.cnn.com/videos/health/2020/03/19/ranney-intv-trump-pence-need-medical-supplies-hospital-masks-gowns-sot-cnn-vpx.cnn> -- Lead video on CNN home page.
43. Rachel Maddow show, MSNBC. March 23, 2020. <http://www.msnbc.com/transcripts/rachel-maddow-show/2020-03-23>
44. “Dr. Megan Ranney urges Americans to stay home.” CBS Evening News with Norah O’Donnell, March 26, 2020. <https://www.youtube.com/watch?v=HdO0o3WvcZ4>
45. Good Morning American with Katy Perry, May 19, 2020. <https://youtu.be/jZE5uxA8TW0>
46. “Transforming Gun Violence Conversations.” *Explore the Space* podcast, June 22, 2020. <https://www.exploretthespaceshow.com/podcasting/megan-ranney-on-transforming-gun-violence-conversations/>

(1000+ additional national and international TV, radio, and print features and appearances from March 2020-present including: CNN, MSNBC, Fox News, CBS, ABC, BBC, PBS, NPR, New York Times, Vox, Slate, The Atlantic, the Washington Post, and other outlets)

INVITED PRESENTATIONS

International

1. “Vaginal bleeding: diagnostic and treatment strategies.” Continuing Medical Education seminar, Accident and Emergency Room, Moi Teaching and Referral Hospital, Eldoret, Kenya. *March 2007.*
2. “Pediatric sexual assault.” Department of Obstetrics and Gynecology, Moi Teaching and Referral Hospital, Eldoret, Kenya. *November 2007.*
3. “Sexual assault: how to approach the problem.” Accident & Emergency Department, Moi Teaching and Referral Hospital, Eldoret, Kenya. *November 2007.*
4. “Sexual assault: what you can do.” Hospital Grand Rounds, Moi Teaching and Referral Hospital, Eldoret, Kenya. *November 2007.*
5. Panelist/Moderator. “Facilitating cross-talk: How to bridge the interdisciplinary divides in mHealth intervention design.” (With Ed Boyer MD PhD, Beth Bock PhD, and David Lee Scher MD.) Competitively selected research symposium. mHealth Summit, Washington, DC, *December 2013.*

6. Invited Living Room Chat Panelist. The Patient, The Practitioner, and the Computer, Providence, RI, *March 2017*.
7. Invited Speaker. "Emergency Digital Health Innovation." Digital Health Summit, Melbourne, Australia, *March 2017*.
8. Invited Speaker. "Emergency Digital Health Innovation: Reconceptualizing Emergency Care." Internet of Business-Internet of Health Conference, Boston, MA, *June 2018*.
9. Invited Speaker. "Things That Kill Us." Exponential Medicine, San Diego, CA, *November 2019*.
10. Invited Speaker. "Managing the COVID-19 crisis: MyCOVIDRisk.app" Swiss Re/Palantir Covid 19 Summit (virtual), *November 2020*.
11. Invited Panelist. Global Research Map (GRM) Launch Event, I-DAIR. Virtual, *November 2021*.
12. Invited Speaker. "Social Media for Good: The Case for Making a Difference, Digitally." EF Global Leadership Summit – The Impact of Sports & Wellness, EF Cultural Tours GmbH. Berlin, Germany, *July 2022*.

Grand Rounds

1. "It's No Accident: Why Injury Prevention Matters to Emergency Physicians." Grand Rounds, Department of Emergency Medicine, University of Massachusetts-Worcester, Worcester, MA. *August 2012*.
2. "It's No Accident: Why Injury Prevention Matters to Emergency Physicians." Grand Rounds, Department of Emergency Medicine, University of Michigan, Ann Arbor, MI. *October 2012*.
3. "The Ethics of Digital Health in Emergency Medicine." Grand Rounds, Department of Emergency Medicine, University of Pennsylvania. *September 2014*.
4. "Digital Health in Emergency Medicine: An Overview." Grand Rounds, Department of Emergency Medicine, Jefferson University. *September 2014*.
5. "mHealth in Emergency Medicine: Where are we now, and where are we going?" Grand Rounds, Department of Emergency Medicine, Georgetown University Emergency Medicine Residency Program. *March 2015*.
6. "Firearm Injury Prevention: The State of the Science." Grand Rounds, Department of Emergency Medicine, New York University/Langone Medical Center Residency Program, *January 2017*.
7. "Digital Health in Emergency Medicine: Who, What, and Why?" Grand Rounds, University of Madison-Wisconsin Emergency Medicine, *June 2017*.
8. "Yes, You Can: Firearm Injury Prevention in Emergency Medicine." Grand Rounds, Mayo Clinic Department of Emergency Medicine, *March 2018*.
9. "Reconceptualizing the ED Through Digital Health." Grand Rounds, Mayo Clinic Department of Emergency Medicine, *March 2018*.

10. “#ThisIsOurLane: What emergency physicians can do to stop firearm injury.” Injury Prevention Grand Rounds, Boston Medical Center, *November 2018*.
11. “#ThisIsOurLane: What healthcare professionals can do now to stop firearm injury.” Medicine-Surgery Grand Rounds, UCLA, *March 2019*.
12. “Why Gun Violence is Our Lane – And What We Can Do To Stop It.” Department of Emergency Medicine, Grand Rounds, University of Rochester, *March 2019*.
13. “The True Unicorn: Digital Health for Good.” Department of Emergency Medicine, Grand Rounds, University of California-Davis, *April 2019*.
14. “#ThisIsOurLane: What emergency physicians can do now to stop gun violence.” Department of Emergency Medicine, Grand Rounds, University of Maryland Medical Center, *June 2019*.
15. “The Public Health Approach to Firearm Injury Prevention.” Bill Barr Annual Ethics, Department of Family Medicine, Grand Rounds, University of Vermont Medical Center, *November 2019*.
16. “A Public Health Approach to the Firearm Injury Epidemic.” Pediatric Grand Rounds, Hasbro Children’s Hospital, Providence, RI, *December 2019*.
17. “The Public Health Approach to Firearm Injury Prevention.” Department of Emergency Medicine, Grand Rounds, University of Cincinnati, *May 2020*.
18. “Preventing Firearm Injury: Why #ThisIsOurLane.” Department of Pediatrics, Grand Rounds, University of Wisconsin-Madison, *September 2020*.
19. “Understanding and Combating Gun Violence as a Health Care Professional.” Grand Rounds, University of California at San Francisco, *November 2020*.
20. “Gun Violence as a Public Health Problem”. ACEP Virtual Grand Rounds, virtual, *March 2021*.
21. “Advocacy in Healthcare: Social Media and How to Make a Difference.” Beth Israel Deaconess Grand Rounds, virtual, *May 2021*.
22. “Online Recruitment in the Era of COVID-19: Pitfalls and Progress.” Duke Clinical Research Institute’s NIH Health Care Systems Research Collaboratory Grand Rounds, virtual, *May 2021*.
23. “24th Annual Reza Gandjei Memorial Lecture: A Fireside Chat with Dr. Megan Ranney.” Department of Medicine, University of California, San Francisco. Virtual, *February 2022*.
24. “Using Digital Health to Improve Health and Reduce Disparities.” Northwell Health Department of Medicine Virtual Grand Rounds. Virtual, *April 2022*.
25. “Fireside Chat on Firearms.” Highland Hospital Grand Rounds. Virtual, *June 2022*.
26. “Firearm Injury as a Public Health Problem.” HWSPPH Public Health Grand Rounds, University of California, San Diego Herbert Wertheim School of Public Health and Human Longevity Science. Virtual, *July 2022*.

Visiting Professorship

1. Resident Research Day, University of Madison-Wisconsin, *June 2017*.
2. Alpha Omega Alpha Visiting Professor, David Geffen School of Medicine, UCLA. *March 2019*.
3. Annual Morris Shapiro Day, University of Rochester Department of Emergency Medicine, *March 2019*.
4. Annual Resident Research Day, Department of Emergency Medicine, University of Maryland Medical Center, *June 2019*.
5. Madeline and Leonard Abramson Endowed Visiting Professorship, University of Pennsylvania. *April 2020*. (virtual)

Invited Keynotes

1. "Making Lemonade: A Research Journey" Keynote Lecture, New England Annual SAEM Meeting, Worcester, MA, *March 2018*.
2. "Preventing Firearm Injury: Yes, We Can." Washington-ACEP Annual Summit to Sound 2018. Seattle, WA, *June 2018*.
3. "Curing the Gun Violence Epidemic: What We Can Do Now." Keynote Lecture, Larry Lewis Health Symposium, Washington University-St. Louis, St. Louis, MO. *August 2018*.
4. "#ThisIsOurLane: Gun Violence, Physicians, & Solutions." Keynote Lecture, Office of Women in Medicine and Science Annual Conference, Brown University, Providence, RI. *June 2019*.
5. "What Emergency Nurses Can Do Today About Gun Violence." New England Emergency Nurses Association Annual Meeting, Newport, RI. *April 2019*.
6. "Creating Hope: What we can do for Gun Violence." Annual Cynthia and Rubin Gruber Lecture in Emergency Medicine, Lahey Hospital and Medical Clinic, Burlington MA. *May 2019*.
7. "What Physicians Can Do Today About Gun Violence." SAEM Great Plains Regional Meeting, Springfield, IL. *September 2019*.
8. "Using Digital Health for Good." Brown Hack Health, Providence, RI, *September 2019*.
9. "Human Resource Professionals' Role in Preventing Gun Violence." Human Resource Leadership Forum, Waltham, MA, *October 2019*.
10. "Creating a Public Health Approach to Gun Violence." Four-hour all-Chicago symposium, hosted by Cook County Department of Emergency Medicine and Cook County Trauma Surgery. *October 2019*.
11. "How Will Big Tech and Wall Street Impact Healthcare?" Becker's Hospital Review: Health IT and Revenue Cycle. Chicago, IL, *October 2019*.
12. "Advocacy in Healthcare: New Power and Social Media." Interprofessional Education Day, Providence, RI, *November 2020*.

13. “Defining Health in the Digital Era: The Brown-Lifespan Center for Digital Health.” Lifespan Annual Board Meeting, *December 2020*.
14. “Girls’ wellbeing post-pandemic; generational shifts in Generation C.” Girl Scouts of the USA Leadership Summit, *April 2021*.
15. “Social Media for Good: How We Can Make a Difference.” New England HIMSS 2021 Annual Spring Conference, *May 2021*.
16. “Rethinking Failure: Building a Career Because of Setbacks.” Society for Academic Emergency Medicine 2021 Virtual Meeting: Education Summit, *May 2021*.
17. “Leading During A Crisis.” United Way Young Leaders Circle’s Learn With Leaders Program, *May 2021*.
18. “Orientation for MD25.” Alpert Medical School. Providence, RI, *August 2021*.
19. “Finding Purpose in Times of Crisis: Lessons from the Frontline.” AHIMA21 Transforming the Future of Health Data. American Health Information Management Association. Virtual, *September 2021*.
20. “Finding Purpose in Times of Crisis: Lessons from the Frontline.” EDPMA Solutions Summit, Emergency Department Practice Management Association. Virtual, *September 2021*.
21. “Using Digital Health to Improve Health and Reduce Disparities.” AvaSure Virtual Symposium: Creating Connections. Virtual, *October 2021*.
22. “The American Firearm Injury Epidemic: A Public Health Perspective and a Way Forward.” Heartland Coalition Against Gun Violence’s 8th Annual Community Forum: “Gun Violence: Strategies to Curb this Public Health Epidemic,” Grandparents Against Gun Violence. Virtual, *October 2021*.
23. “Reflections on the Covid-19 Pandemic: Lessons Learned and the Role of Specialty Societies.” CMSS Virtual Annual Meeting, Council of Medical Specialty Societies. Virtual, *October 2021*.
24. “AFFIRMing Our Lane: The Role of Emergency Physicians in Firearm Injury.” Bock Lecture, ACEP21, American College of Emergency Physicians. Boston, MA, *October 2021*.
25. “Master of Science in Healthcare Leadership Class of 2023 Convocation.” School of Professional Studies, Brown University. Providence, RI, *January 2022*.
26. “Using Digital Health to Improve Health and Reduce Disparities.” Women’s History Month Lecture, MCPHS University. Worcester, MA, *March 2022*.
27. “Creating Change in a Divided World.” Spring Training Institute Annual Conference, Missouri Department of Mental Health. Virtual, *May 2022*.

National

1. “Student Perspectives on Global Health.” Alumni Weekend, Columbia University College of Physicians and Surgeons, New York, NY. *May 2004*.

2. “A Novel ED-Based Sexual Assault Center in Western Kenya: Description of patients and analysis of treatment patterns.” Oral presentation for International Emergency Medicine interest group, SAEM Annual Meeting, New Orleans, LA. *May 2009*.
3. “Motorcycle Helmets: Are there Alternatives to Legislation?” Injury Research Center, Department of Emergency Medicine, University of Michigan, Ann Arbor. *May 2010*.
4. Panelist: “Coping with Shiftwork Through the Lifecycle of Academic Emergency Medicine.” (with Michelle Biros, MD, MS; Robert S. Hockberger, MD; Rebecca Smith-Coggins, MD; and Robert Gerhardt, MD). SAEM Annual Meeting, Phoenix, AZ. *June 2010*.
5. Moderator: “Public Health and Injury Prevention”: Lightning Oral Research Presentations. SAEM Annual Meeting, Chicago, IL, *May 2012*.
6. Moderator: “Violence and Injury Prevention” Moderated Poster Session. SAEM Annual Meeting, Chicago, IL, *May 2012*.
7. Panelist/Moderator: “Generation X to Z and EM Research: Using Technology for Recruitment, Consent, Intervention, and Follow Up” Panel presentation (with Ed Boyer MD PhD, Karin Rhodes MD MPH, Lauren Whiteside MD MPH, Raina Merchant MD MS). SAEM Annual Meeting, Chicago, IL, *May 2012*.
8. Panelist/Moderator: “Beyond the Basics: Cutting-Edge Applications of Technology to Advance Public Health in the Emergency Dept”. (With Nick Genes MD PhD and Esther Choo MD MPH). Medicine 2.0: 5th World Conference on Social Media, Mobile Apps, and Internet/Web 2.0 in Medicine, Health, and Biomedical Research. Boston, MA. *September 2012*.
9. “Peer Violence and Depression: What’s the Connection?” Lunchtime Seminar Series, Injury Control Research Center, University of Michigan, Ann Arbor, MI. *October 2012*.
10. Expert Discussant at Panel/Roundtable Discussion for NIDA: “Translating Screening and Intervention Research for Implementation in Emergency Departments.” Bethesda, MD, November 2012.
11. Moderator: “Injury Prevention” Lightning Oral Sessions, SAEM Annual Meeting, Atlanta, GA, *May 2013*.
12. Panelist/Moderator: “Policy Change 101: A How-to Primer for Emergency Physicians.” (With Arthur Kellermann MD MPH and Sara Patterson MA). SAEM Annual Meeting, Atlanta, GA, *May 2013*.
13. Panelist: “SAEM AND EMF Grants: Opportunities and Submission Process.” (With Jim Holmes MD, Mark Courtney MD, and Comilla Sasson MD.) SAEM Annual Meeting, Atlanta, GA, *May 2013*.
14. Panelist/Moderator: “ED Superusers: Stop the Abuse, Stop the Violence, Breaking the Cycle.” (With Gail D’Onofrio MD, Esther Choo MD MPH, and Theodore Corbin MD MPH.) American College of Emergency Physicians Scientific Assembly, Seattle, WA, *October 2013*.
15. Moderator: “Shark Tank: Real World Research Proposal Development”. (With Judd Hollander MD, Jeff Kline MD, Deb Houry MD MPH, Don Yealy MD.) SAEM Annual Meeting, Dallas, TX, *May 2014*.

16. Panelist: “Policy Change 102: Public Scholarship for Emergency Physicians.” (With Deb Houry MD MPH and Ryan Radecki MD MS.) SAEM Annual Meeting, Dallas, TX, *May 2014*.
17. Panelist: “Gun Injury: Reframing the Public Health Debate.” (With Harrison Alter MD MPH and Eric Fleegler MD MPH.) SAEM Annual Meeting, Dallas, TX, *May 2014*.
18. Panelist: “Top 10 Tips for Getting Started in Research.” (With Esther Choo MD MPH and Brendan Carr MD MA MS.) SAEM Annual Meeting, Dallas, TX, *May 2014*.
19. Moderator: “Injury and Disease Prevention” Oral Abstracts, SAEM Annual Meeting, Dallas, TX, *May 2014*.
20. “Improving the Health of High-Risk Populations with Mobile Technology.” HIMSS Physician Webinar, online, *July 2014*.
21. “Development and Pilot Testing of a Text-message Depression Prevention Program for Adolescent Emergency Department Patients.” Visiting Lecture, Center for Behavioral Intervention Technology, Northwestern University, *October 2014*.
22. Panelist/Moderator: “ED Superusers: Stop the Abuse, Stop the Violence, Breaking the Cycle.” American College of Emergency Physicians Scientific Assembly, Chicago, IL, *October 2014*.
23. Invited Panelist and Speaker, Society for Academic Emergency Medicine Grant Writing Workshop. Society for Academic Emergency Medicine, San Diego, CA. *May 2015*.
24. Panelist/Moderator, “Lion’s Den: Real World Research Proposal Development.” (With Judd Hollander MD, Jeff Kline MD, Lynne Richardson MD MPH, Andra Blomkalns MD, Craig Newgard MD MPH). SAEM Annual Meeting, San Diego, CA. *May 2015*.
25. Panelist. “Developing the Evidence Base for Medicine in 2020: Focus on Virtual Care.” SAEM Annual Meeting, San Diego, CA. *May 2015*.
26. Panelist. “The Science of Patient Centered Outcomes Research (PCOR) in Emergency Care.” SAEM Annual Meeting, San Diego, CA, *May 2015*.
27. Organizer. “Finding the Best Tour Guide to Your Research Success: Mentoring in Emergency Medicine.” SAEM Annual Meeting, San Diego, CA, *May 2015*.
28. Panelist. “Conducting EM Research using Social Media Tools: Applications for Disease Surveillance and Community Engagement.” SAEM Annual Meeting, San Diego, CA, *May 2015*.
29. Moderator. “Injury/Disease Prevention Abstracts.” SAEM Annual Meeting, San Diego, CA, *May 2015*.
30. Panelist/Moderator: “ED Superusers: Stop the Abuse, Stop the Violence, Breaking the Cycle.” American College of Emergency Physicians Scientific Assembly, Boston, MA, *October 2015*.
31. Moderator, “Oral Abstracts: Technology in EM.” American College of Emergency Physicians Scientific Assembly, Boston, MA, *October 2015*.

32. Panelist/Moderator. "Reconceptualizing Emergency Department Care with Digital Health." mHealth Summit, Washington, DC, *November 2015*.
33. Invited Speaker. "Firearm Related Injury and Death in the US: What YOU Can Do." Association of Academic Chairs in Emergency Medicine, Tempe, AZ, *February 2016*.
34. Invited Speaker. "EM-Specific Challenges in Applying for K-Grants... and Beyond." National Institutes of Health, *April 2016*.
35. Invited Speaker. "Career Development Grants." Grant Writing Workshop, Society for Academic Emergency Medicine, New Orleans, LA *May 2016*.
36. "An Introduction to Research via Social Media." Invited lecture, Social Media Bootcamp, New Orleans, LA, *May 2016*.
37. Panelist. "Conducting EM Research using Social Media Tools: Applications for Disease Surveillance and Community Engagement." SAEM Annual Meeting, New Orleans, LA, *May 2016*.
38. Panelist/Moderator. "Lion's Den 2016: 3rd Annual Research Proposal Development." (With Judd Hollander MD, Rebecca Cunningham MD, Lynne Richardson MD MPH, Don Yealy MD, Craig Newgard MD MPH). SAEM Annual Meeting, New Orleans, LA. *May 2016*.
39. Panelist. "Disseminating Your Research Through Social Media." SAEM Annual Meeting, New Orleans, LA, *May 2016*.
40. Invited Panelist/Moderator. "The State of the Science: Emergency Medicine Firearm Injury Prevention Research." (with Emmy Betz MD MPH and Pat Carter MD MPH) American College of Emergency Physicians Scientific Assembly, Las Vegas, NV, *October 2016*.
41. Invited Speaker. "Reconceptualizing Emergency Department Care with Digital Health." American College of Emergency Physicians Scientific Assembly, Las Vegas, NV, *October 2016*.
42. Invited Speaker. "Will They Listen? Delivering Effective Feedback." American College of Emergency Physicians Scientific Assembly, Las Vegas, NV, *October 2016*.
43. Invited Speaker. "ED or iMD? Advances in Telemedicine for the Consumer." American College of Emergency Physicians Scientific Assembly, Las Vegas, NV, *October 2016*.
44. Invited Speaker. "Preventing Gun Violence: The Clinical Context." Invited Lecture, American Medical Association State Legislative Strategy Conference, Amelia Island, FL, *January 2017*.
45. Invited Speaker. "Preventing firearm injury: the medical perspective." American Bar Association, Chicago, IL, *March 2017*.
46. Moderator. "Thriving at Mid-Career" (with Azita Hamedani MD MBA, Federico Vaca MD MPH, Stephanie Abbuhl MD). SAEM Annual Meeting, Orlando, FL, *May 2017*.
47. Panelist. "Non-traditional NIH Funding Mechanisms." SAEM Annual Meeting, Orlando, FL, *May 2017*.

48. Invited Speaker. "Getting Started in Research." Junior Faculty Development Forum, Orlando, FL, *May 2017*.
49. Invited Speaker. "Driving Your Research and Clinical Engine with Digital Health." Senior Leadership Forum, Orlando, FL, *May 2017*.
50. Organizer/Moderator. "Lion's Den: Research Development and Innovation." SAEM Annual Meeting, Orlando, FL, *May 2017*.
51. Invited Speaker. "Emergency Department Innovation in the Era of Value-Based Care." Becker's Hospital Review, Chicago, IL, *September 2017*.
52. Invited Panelist. Democratic House Energy and Commerce Committee Forum on Gun Violence as a Public Health Problem. Washington, DC, *October 2017*.
https://m.facebook.com/story.php?story_fbid=725185634352624&id=387062961498228
53. Invited Speaker. "Will They Listen? Delivering Effective Feedback." American College of Emergency Physicians Scientific Assembly, Washington DC, *October 2017*.
54. Invited Speaker. "Visual Abstracts in Annals of Emergency Medicine." American College of Emergency Physicians Scientific Assembly, Washington DC, *October 2017*.
55. Invited Speaker. "Gun and Weed Wars." American College of Emergency Physicians Scientific Assembly, Washington DC, *October 2017*.
56. Invited Speaker. "Fast Facts: Top New Tips and Tricks for Emergency Medicine." American College of Emergency Physicians Scientific Assembly, Washington DC, *October 2017*.
57. Invited Speaker. "Introduction to Publishing." Association of Academic Chairs of Emergency Medicine/Association of Academic Administrators in Emergency Medicine, Joint Annual Conference. San Diego, CA *March 2018*.
58. Panelist. "Gun Violence as A Public Health Problem." Society for Academic Emergency Medicine, Indianapolis, IN, *May 2018*.
59. Organizer/Moderator. "5th Annual Lions' Den." Society for Academic Emergency Medicine, Indianapolis, IN, *May 2018*.
60. Invited Speaker. "Reinventing the Emergency Department with Digital Health." Washington-ACEP Annual Summit to Sound 2018. Seattle, WA, *June 2018*.
61. Panelist. "Innovation and Entrepreneurship in Healthcare for 2018." Becker's Hospital Review. Chicago, IL. *September 2018*.
62. Invited Speaker. "FAST FACTS: Coming to a Shop Near You - The Latest and Greatest in ED Technology." American College of Emergency Physicians (ACEP) Scientific Assembly. San Diego, CA. *October 2018*.
63. Invited Speaker. "State-of-the Art: Social Media and Research: How Do We Talk Science in the Age of Fake News?" American College of Emergency Physicians (ACEP) Scientific Assembly. San Diego, CA. *October 2018*.

64. Invited Speaker. "ACEP Connect: Transforming Frustration into Motivation - Driving Policy Change." American College of Emergency Physicians (ACEP) Scientific Assembly. San Diego, CA. *October 2018*.
65. Invited Speaker. "The Great Debates: Weed Wars and Gun Violence." American College of Emergency Physicians (ACEP) Scientific Assembly. San Diego, CA. *October 2018*.
66. Invited Speaker. FemInEM Idea Exchange. "In Our Sights: A Path Forward on Gun Violence." New York, NY. *October 2018*.
67. Invited Speaker. "Creating a Gun Violence Research Agenda." National Academy of Medicine and Science, Washington, DC. *October 2018*.
68. Panelist. Annual Emergency Medicine Foundation Grantee Retreat. *January 2019*.
69. Invited Speaker. "Firearm Injury: Research Needs." American College of Surgeons-Committee on Trauma Summit, Chicago, IL *February 2019*.
70. Invited Speaker. "Social Emergency Medicine." Emergency Medicine Residents' Association webinar, *March 2019*.
71. "From Data Collection to Algorithms: A Discussion of Learning in the Presence of Label Scarcity." NorthEast Computational Health Summit (NECHS) 2019, hosted by IBM Research and Brown University. *April 2019*.
72. Expert Lion. "Lion's Den 2019: Sixth Annual Real-world Research Proposal Development." Society for Academic Emergency Medicine, Las Vegas, NV, *May 2019*.
73. Invited Speaker: "Physician Advocacy Boot Camp: Beyond the Emergency Department." Society for Academic Emergency Medicine, Las Vegas, NV, *May 2019*.
74. Invited Speaker: "Going for the Gold: Tips for Moving from Early Career Investigator to the R01." Society for Academic Emergency Medicine, Las Vegas, NV, *May 2019*.
75. Invited Speaker: "Conquer Qualitative Methods: How to Ensure Rigor in Your Qualitative Research." Society for Academic Emergency Medicine, Las Vegas, NV, *May 2019*.
76. Invited Speaker: "Navigating the Peer Review Process." Society for Academic Emergency Medicine, Las Vegas, NV, *May 2019*.
77. Invited Speaker. "Firearm Injury Prevention: A How-To Guide for Emergency Department Providers in Clinical and Research Settings." Society for Academic Emergency Medicine, Las Vegas, NV, *May 2019*.
78. Opening Session Speaker, with Dr. Dara Kass, Dr. Joneigh Khaldun, Dr. Hiral Tipernani, and Dr. Resa Lewiss. "Perspectives from Female Physicians on Leadership, the Ascent of Women in Medicine, and Women at the Forefront of Change." American College of Emergency Physicians Scientific Assembly, Denver, CO, *October 2019*.

79. “A Paired Conversation on Gun Ownership.” With Dr. Torree McGowan. American College of Emergency Physicians Scientific Assembly, Denver, CO, *October 2019*.
80. Invited Panelist, with Dr. Leana Wen, Dr. Babak Sarani, and Dr. Mallory Williams. “Gun Violence as a Public Health Crisis.” The Milken Institute Future of Health Summit, Washington, DC, *October 2019*.
81. Judge, “SAEM’s Got Talent: A #FOAMed Competition.” Scheduled for SAEM Annual Meeting, Denver, CO; delivered online instead. *May 2020*.
82. Moderator, “Telehealth for COVID19”. Online SAEM Annual Meeting. *May 2020*.
83. Invited Speaker. “Digital Health in Emergency Departments.” NODE Health, *May 2020*.
84. Invited Speaker. “[Heroes of the Coronavirus Crisis: Protecting Frontline and Essential Workers During The Pandemic](#).” U.S. House of Representatives’ Select Subcommittee on the Coronavirus Crisis, *May 2020*.
85. Invited Panelist. “Preparing for the Next Pandemic: Supply Chain.” Online conference hosted by the American College of Emergency Physicians, *September 2020*.
86. Invited Speaker. “New Power in Medicine.” Women in Medicine Summit, Chicago, IL (virtual), *October 2020*.
87. Invited Panelist. “Digital Health.” 2020 BioMed Digital. (virtual) San Jose, CA. *October 2020*.
88. Invited Panelist. “PPE and Emergency Preparedness.” The Committee of Montgomery 31st Legislative Breakfast, Montgomery County, MD (virtual). *December 2020*.
89. Invited Panelist. “Free Open Access Medical Education Showcase.” Society for Academic Emergency Medicine 2021 Virtual Meeting. *May 2021*.
90. Invited Panelist. “Lion’s Den 2021: Eighth Annual Real-World Research Proposal Development.” Society for Academic Emergency Medicine 2021 Virtual Meeting. *May 2021*.
91. Invited Speaker. “#ThisIsOurLane: How and why physicians can move the needle on firearm injury.” Rosemary and David Bowes Endowed Lectureship on Trauma and Critical Care. George Washington University. Virtual, *May 2021*.
92. Invited Panelist. “Customer Ecosystem” panel. Reimagining Omnichannel Customer Engagement Summit. Virtual, *July 2021*.
93. Invited Speaker. “Connect-19: A Mixed-Methods Evaluation of a National Sample of Adolescents’ Social Media Use, Mental Health, and Wellbeing.” TAM Colloquium 2021, Technology & Adolescent Mental Wellness. Virtual, *September 2021*.
94. Invited Moderator. “Advancing Prevention in Healthcare Settings: Data Quality and Interventions.” FACTS Mini-Symposia. Virtual, *October 2021*.

95. Invited Speaker. "Guardians4Health: Reframing Firearm Injury Prevention Through Bystander Interventions for Youth Shooting Sports Participants." National Center for Injury Prevention and Control Reverse Site Visit, Centers for Disease Control and Prevention. Virtual, *November 2021*.
96. Invited Panelist. "Public Health and the Delivery System: Navigating the Pandemic Response." Kaiser Permanente Institute for Health Policy Forum. Virtual, *November 2021*.
97. Invited Panelist. "COVID Expert Forum." University of Colorado Department of Medicine. Virtual, *January 2022*.
98. Invited Moderator. "The Third Year of COVID-19: Is This the New Normal?" APHA-NAM COVID-19 Conversations Webinar. Virtual, *January 2022*.
99. Invited Panelist. "Evaluation and Management of Outpatients with COVID-19." Annals/ACP COVID-19 Forum VIII. Virtual, *February 2022*.
100. Invited Speaker. "Navigating COVID in This Next Phase." Young Presidents' Organization. Virtual, *March 2022*.
101. Invited Testimonial. "Lessons from the Frontline: Covid-19's Impact on American Health Care." House Subcommittee on Oversight and Investigations Hearing, White House Committee on Energy & Commerce. Virtual, *March 2022*.
102. Invited Speaker. "A Conversation with Megan Ranney." UNCP Distinguished Speaker Series. University of North Carolina at Pembroke, Pembroke, NC, *March 2022*.
103. Invited Panelist. "Equity in Telehealth & Digital Health." White House OPE Health Equity Forum on Broadband Accessibility and Telehealth, White House Office of Public Engagement. Virtual, *March 2022*.
104. Invited Panelist. "A Trust Conversation with AFFIRM at The Aspen Institute." ABIM Foundation. Virtual, *March 2022*.
105. Invited Speaker. "Increasing Peer Support for OUD Recovery During COVID-19 through Digital Health: A National Randomized Controlled Trial." NIH Social, Behavioral, and Economic Health Impacts of COVID-19 Webinar, National Institutes of Health. Virtual, *April 2022*.
106. Invited Speaker. "Translating Healthcare to Virtual Spaces." Project Sunshine Gala. Virtual, *May 2022*.
107. Invited Speaker. "Fireside Chat on the Future of Covid." Jefferies Virtual Doctor Summit, Jefferies Financial Group. Virtual, *May 2022*.
108. Invited Speaker. "Firearm Injury as a Public Health Problem." Dr. Leon L. Haley, Jr., Bridge to the Future of Emergency Medicine Academy, American Board of Emergency Medicine. Virtual, *June 2022*.
109. Invite Speaker. "Firearm Injury as a Public Health Problem." CSTE Annual Conference, Council of State and Territorial Epidemiologists. Virtual, *June 2022*.
110. Invited Speaker. Congressional Budget Office Online Town Hall. Virtual, *July 2022*.

Regional and Local

1. “Atrial Myxoma, Clinical-Pathological Correlation Conference.” Dept of Emergency Medicine, Alpert Medical School at Brown University. *October 2006.*
2. “Carbon Dioxide and Cyanide: Silent Killers in Inhalation Injury.” Joint Conference of the Dept of Emergency Medicine and the Division of Trauma, Dept of Surgery, Alpert Medical School at Brown University. *January 2007.*
3. “Introduction to Research in the ED: A Primer for Interns.” Intern orientation, Dept of Emergency Medicine, Alpert Medical School at Brown University. *July 2007.*
4. “Morbidity and Mortality Conference.” Dept of Emergency Medicine, Alpert Medical School at Brown University. *June 2007; September 2007; October 2007; January 2008.*
5. “Sexual Assault in Western Kenya: The Problem, and a Solution.” Resident Grand Rounds, Dept of Emergency Medicine, Alpert Medical School at Brown University. *December 2007.*
6. “CHOICES Alcohol Awareness Program.” Physician Panel Member, Rhode Island College Athletic Association, Providence, RI. *December 2008.*
7. “An Overview of Injury Prevention.” Rhode Island College School of Nursing, Providence, RI. *April 2009 & June 2009.*
8. Panelist: “Research in Emergency Medicine.” Emergency Medicine Interest Group, Alpert Medical School at Brown University, Providence, RI. *January 2010.*
9. Panelist: “Controversies in Clinical Decision-Making.” Dept of Emergency Medicine, Alpert Medical School at Brown University, Providence, RI. *March 2010, August 2010.*
10. “The Sexual Assault Forensic Exam.” Intern Orientation, Dept of Emergency Medicine, Brown University. *July 2008, 2009, 2010.*
11. “An Emergency Physician’s Perspective on Violence Among Teen Girls.” Institute for the Study and Practice of Nonviolence, Providence, RI. *April 2010.*
12. “An Introduction to Brief Motivational Interventions in the ED.” Simulation Case and Didactic Lecture, Dept of Emergency Medicine, Alpert Medical School at Brown University, Providence, RI. *May 2010.*
13. “How to be an Excellent Teacher: A Primer.” Lecture, Dept of Emergency Medicine, Alpert Medical School at Brown University, Providence, RI. *July 2010.*
14. “Alcohol Use and You: Consequences and Choices.” Lecture, Rhode Island College, Providence, RI. *November 2010.*
15. “It’s No Accident: Why Injury Prevention Matters to Emergency Physicians.” Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI. *September 2012.*
16. “How to Get Joy Out of Research,” Brown Emergency Medicine Residency. Providence, RI. *January 2013.*

17. Moderator: "Health Policy" Lightning Oral Sessions, New England Regional SAEM Meeting, Providence, RI, *April 2013*.
18. Panelist: "Tips to Advancement in Academic Emergency Medicine." (with Gail D'Onofrio MD and Judith Linden MD). New England Regional SAEM Meeting, Providence, RI, *April 2013*.
19. Invited Participant, Brown Primary Care Initiative's "Think Tank III on Adolescent Medical Homes". Providence, RI, *May 2013*.
20. "Youth Violence: A Community Perspective." Invited Presentation for Lifespan Community Health Advocates. Providence, RI, *August 2013*.
21. Invited Speaker/Moderator. "Gun Violence: Personal, Political and Public Health Perspectives." (With U.S. Representative Jim Langevin and Institute for Nonviolence CEO Teny Gross.) Rhode Island Public Health Association Annual Meeting, Providence, RI, *October 2013*.
22. Invited Speaker: "A Public Occurrence: Young Men and Guns: How Do We Stop the Violence?" Organized by the *Providence Journal* and *Leadership-Rhode Island*. Providence, RI, *November 2013*.
23. "Conduct and Ethical Considerations in Internet-based Research." Research Protection and Ethical Conduct Course, Department of Emergency Medicine, Brown University, Providence, RI. *May 2014*.
24. "Ethics in Digital Health." Risk Management Series, Lifespan Corporation, Providence, RI. *August 2014*.
25. "Digital health for High-Risk Emergency Department Patients." Center for Alcohol & Addiction Studies CAAS Rounds. Brown University, *November 2014*.
26. "Clinical Innovations through Digital Health." Faculty Retreat, University Emergency Medicine Foundation, Providence, RI, *May 2015*.
27. "Ethical Quandaries in Digital Health: The Clinicians' Perspective." Risk Management Series, Lifespan Corporation, Providence, RI. *January 2016*.
28. "Developing behavioral interventions: a primer." Fellowship Programs Research Education Curriculum, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI, *April 2016*.
29. "Ethical Considerations in Technology Based Research." Research Protection and Ethical Conduct Course, Department of Emergency Medicine, Alpert Medical School, Brown University, Providence, RI. *May 2016*.
30. "Digital Health: Not Your Parents' EMR." Risk Management Series, Lifespan Corporation, Providence, RI. *June 2016*.
31. "Cyber-Safety." 4-Safety, Rhode Island Hospital Injury Prevention Center, Providence, RI. *August 2016*.
32. "Digital Health: Not Your Parents' EMR." Risk Management Series, Lifespan Corporation, Providence, RI. *September 2016*.

33. “Digital Health Ethics.” Health IT Innovation Course, Harvard Medical School, Boston, MA *April 2017*.
34. “Social Media for Academic Physicians.” Office of Women in Medicine and Science Annual Conference, Brown University, Providence, RI, *June 2017*.
35. Judge Panel. 2nd Medical Hackathon, Alpert Medical School, Brown University, Providence, RI. *September 2017*.
36. “Digital Health Innovation in the ED.” Brown Residency Program in Emergency Medicine, Providence, RI. *September 2017*.
37. “Reconceptualizing the Emergency Department Through Digital Health.” Invited Talk for the Boston UX Design Community. *March 2018*.
38. “Reconceptualizing the Emergency Department Through Digital Health.” Invited Talk for Medmates, an organization of Rhode Island entrepreneurs. *July 2018*.
39. “Reconceptualizing the Emergency Department Through Digital Health.” Invited Talk for the Rhode Island Department of Health. *September 2018*.
40. Invited speaker. Brown Biomedical Faculty Promotions Workshop. Providence, RI. *November 2018*.
41. Invited speaker. “Translating Science for a General Audience.” Training in Communicating Science, Office of the Vice President for Research, Brown University, Providence, RI. *March 2019*.
42. Invited Keynote. “The Ripple Effect.” Statewide drunk driving program, *June 2019*.
43. Charles O. Cook MD Distinguished Visiting Lectureship, Brown University Commencement-Reunion Weekend, Providence, RI. *June 2019*.
44. Invited Speaker. “Gun Violence.” The Providence VA Medical Center Mental Health Colloquium Series, Providence, RI. *September 2019*.
45. Invited Speaker. “Using Social Media to Get More People Involved in Your Research and Practice”. Don Dizon, MD and Megan Ranney, MD. COBRE on Opioids, Providence, RI. *January 2020*.
46. Invited Panelist. “Experts from across Brown on COVID19.” *April 2020*.
<https://watson.brown.edu/events/2020/live-experts-across-brown-covid-19>
47. Invited Panelist. “Rhode Island Health Care Cost Trends Project.” *October 2020*.
<https://www.youtube.com/watch?v=phqJl8d2AqM&feature=youtu.be>
48. Invited Panelist. “Hasbro Children’s Hospital Pediatric Trauma Symposium.” Virtual. *November 2020*.
49. Invited Speaker. “Exploring Digital Health Technology.” New England Healthcare Information and Management Systems Society. Virtual. *December 2020*.

50. Invited Speaker. "Digital Health for Vulnerable Populations: A Case Study and a Call to Action." PSTC 2021 Colloquia Series Seminar, Brown University. *February 2021*.
51. Invited Speaker. "Addressing Firearm Injury as a Public Health Problem." Institute for Collaboration on Health, Intervention, and Policy (InCHIP). Virtual Series. University of Connecticut, *February 2021*.
52. Invited Panelist. Women in Science Speaker Series, panel discussion. RIBio/Venture Cafe, Providence, RI, *February 2021*.
53. Invited Speaker. "Pandemic Problem-Solving: Surviving and Thriving in the Age of Pandemics." Seminar by the Sea Northeast Regional Conference, University of Rhode Island. Virtual, *March 2021*.
54. Invited Speaker. "Exploring Digital Health Technology." Massachusetts Health Information Management Association. Webinar. *April 2021*.
55. Invited Judge. COVID-19 Response Innovation Hackathon. "How Might We Prepare Better for The Next pandemic or Healthcare Crisis?" New England Medical Innovation Center. *March 2021*.
<https://www.nemicenter.com/covidhack>
56. Invited Speaker. "Disconnected by COVID: The Consequences of Isolation on Mental Health." Interfaith Counseling Center's Annual Seeds of Hope Event. Virtual, *May 2021*.
57. Invited Speaker. "Digital health innovations for low tech communities." 3rd Annual Native American Emergency and Rural Medicine Conference. Massachusetts College of Emergency Physicians and the Front-line Indigenous Partnership Program. Virtual, *May 2021*.
58. Invited Speaker. "Advocacy in Healthcare: Using Social Media to Make a Difference." Yale Emergency Medicine Resident Research Day. Virtual, *June 2021*.
59. Invited Speaker. "Social Media for Good: The Case for Making a Difference, Digitally." Faculty in Focus: Provost/SAC Lecture Series. Virtual, *June 2021*.
60. Invited Speaker. "Vaccine Hesitancy." ADCO Electrical Corporation. Virtual, *August 2021*.
61. Invited Speaker. "Digital Health in a Post-Pandemic World." Rhode Island Hospital Biannual Meeting. Virtual. *September 2021*.
62. Invited Speaker. "Digital Health in a Post-Pandemic World." Quarterly Staff Association Meeting, Miriam Hospital. Virtual. *September 2021*.
63. Guest Lecturer. "Preventing Pandemics: Strategies for Mitigating Future Pandemics." Pandemics in Global Perspective: From HIV/AIDS to COVID-19 (PHP 2235), Brown University. Providence, RI, *October 2021*.
64. Invited Speaker. Presidential Scholar's Program: Faculty Seminar Series, Brown University. Providence, RI, *October 2021*.
65. Guest Lecturer. "The American Firearm Injury Epidemic: A Public Health Perspective and a Way Forward." Health Care in the United States (PHP 310), Brown University. Providence, RI, *December 2021*.

66. Invited Speaker. "Honoring Healthcare Heroes." Annual Holiday Member Dinner, The University Club. Providence, RI, *December 2021*.
67. Invited Moderator. "Returning to Our Schools: Prioritizing Health, Equity & Community." Annenberg Institute, Brown University. Virtual, *January 2022*.
68. Invited Moderator. "Digital Health in Action." Medicine Today Seminar Series, Warren Alpert Medical School, Brown University. Virtual, *February 2022*.
69. Invited Speaker. "Leveraging Digital Health Tools for Good." Warren Alpert Foundation Stewardship Event. Warren Alpert Medical School, Brown University. Providence, RI, *February 2022*.
70. Guest Lecturer. "Community engagement and advocacy to promote and protect health: The Example of Gun Violence." Introduction to Public Health (PHP 0320), Brown University. Providence, RI, *March 2022*.
71. Invited Speaker. "Pandemic Responses & Leadership." EMBA Global Trends Seminar Series, M1+M2, School of Professional Studies, Brown University. Virtual, *March 2022*.
72. Invited Speaker. "Looking forward: From the perspective of an ER doc & public health professional." Public Health Conversations symposium, Boston University School of Public Health. Boston, MA, *April 2022*.
73. Invited Speaker. "Digital Health as a Tool for Good." Open Gates 2022: Welcome Reception. Brown University. Providence, RI, *April 2022*.
74. Invited Moderator. "Digital Healthcare: From Cyber Threat to Health Equity." OVPR Fireside Chat. Brown University. Providence, RI, *April 2022*.
75. Invited Speaker. "Social Media for Good: The Case for Making a Difference, Digitally." College Hill Society Luncheon. Providence, RI, *May 2022*.
76. Invited Moderator. "Leadership in a Crisis: Beyond and Through the Pandemic." Brown University Commencement Honorary Degree Forum. Providence, RI, *May 2022*.
77. Invited Speaker. "Using Digital Health to Improve Health and Reduce Disparities." Inclusive & Equitable Digital Health Innovation Webinar, Brown University School of Professional Studies. Providence, RI, *July 2022*.

GRANTS

Currently Funded

1. *Rhode Island Hospital Injury Control Center for Biomedical Research Excellence (COBRE)* 4/22-3/27
NIGMS P20 GM139664
 Role: Co-Investigator; Director, Injury Control Digital Innovation Core, 30% FTE
 Amount: \$12,054,146

2. *Increasing Peer Support for OUD Recovery during COVID-19 through Digital Health: A National Randomized Controlled Trial.* 9/21-8/24
NIDA R01 DA054698 (PI: Ranney/Beaudoin)
Amount: \$4,035,370
Role: Multi-Principal Investigator (Contact PI), 15% FTE
3. *"Safety in Dementia": An Online Caregiver Intervention.* 9/21-8/24
NIA R01 AG076364 (PI: Betz)
Amount: \$1,718,886
Role: Co-investigator, 5% FTE
4. *Reframing Firearm Injury Prevention Through Bystander Interventions for Youth Shooting Sports Participants* 9/20-8/23
CDC R01 CE003267(PI: Ranney)
Amount: \$1,949,259
Role: Principal Investigator, 17.5% FTE
5. *Social Media, Violence, and Social Isolation Among At-Risk Adolescents: Exploring Ground Truth* 9/20-8/25
NICHHD R01 HD104187 (MPI: Ranney and Nugent)
Amount: \$3,445,000
Role: Multi-Principal Investigator (Contact PI), 12.5% FTE
6. *A Technology-Augmented Intervention to Prevent Peer Violence & Depressive Symptoms Among At-Risk Emergency Department Adolescents* 3/18-2/23
NICHHD R01 HD 093655 (PI: Ranney)
Amount: \$3,202,997
Role: Principal Investigator, 12.5% FTE
7. *Building Research Capacity for Firearm Safety Among Children* 9/17-8/22
NICHHD R24HD087149 (PI: Cunningham)
Amount: \$5,200,000
Role: Co-investigator, 10% FTE

Completed

1. *A Longitudinal Curriculum in Public Health for Emergency Medicine Residents* 1/08-9/12
American Association of Medical Colleges (PI: Schweigler)
Amount: \$3,168
Role: Consultant
2. *Determinants of Youth Motorcycle Helmet Use in Rhode Island* 9/08 – 8/09
American Public Health Association (PI: Ranney)
Amount: \$5,000
Role: Principal Investigator
3. *Brief Motivational Interventions to Increase Motorcycle Helmet Use in the Emergency Department* 9/08 – 8/10
NIH Loan Repayment Program (PI: Ranney)
Amount: \$45,328.72
Role: Principal Investigator

4. *Feasibility Study of Brief Motivational Interventions to Increase Motorcycle Helmet Use in the Emergency Department* 3/09 – 12/09
UEMF Small Projects Grant (PI: Ranney)
Amount: \$10,000
Role: Principal Investigator

5. *Patient Attitudes toward Technology-based Behavioral Health Interventions in the Emergency Department* 8/10-6/11
UEMF Small Projects Grant (Co-PI: Ranney/Choo)
Amount: \$7,000
Role: Co-Principal Investigator

6. *Cellphone Intervention to Increase Mental Health Service Use by Teen ED Patients* 7/11-6/13
NIH Loan Repayment Program (PI: Ranney)
Amount: \$26,958.56
Role: Principal Investigator

7. *Depression & Violence in Teen Girls: An ED-based Study* 1/12-12/13
SAEM Research Training Grant (PI: Ranney)
Amount: \$150,000
Role: Principal Investigator, 70% FTE

8. *Text-message-based Depression Prevention for High-Risk Youth in the ED* 4/13-2/18
NIMH K23 MH095866 (PI: Ranney)
Amount: \$913,494
Role: Principal Investigator, 75% FTE

9. *Skills to Enhance Positivity in Suicidal Adolescents* 8/13-7/16
NIMH R34 MH101272 (PI: Yen)
Role: Co-investigator, 5% FTE (unpaid as concurrent with K23)

10. *Optimizing Patient Engagement in a Novel Pain Management Initiative (OPEN)* 3/14-2/18
PCORI (PI: Green)
Amount: \$2,049,980
Role: Co-Investigator, 5% FTE

11. *An e-Parenting Skills Intervention to Decrease Injured Adolescents' Alcohol Use* 9/15 – 8/17
NIAAA R21 AA024185 (PI: Mello)
Amount: \$455,709
Role: Co-investigator, 5% FTE (unpaid as concurrent with K23)

12. *Adolescents with Substance Use Disorders Transitioning from Residential Treatment to the Community: Improving Outcomes via a Computer Assisted Parenting Program* 5/16-4/19
NIDA R34 DA039289 (PI: S. Becker)
Amount: \$665,655
Role: Consultant

13. *Bullying Prevention Intervention for Adolescent Primary Care Patients* 8/16-7/19
NICHD R21 HD088739 (PI: Ranney)

- Amount: \$463,261
Role: Principal Investigator, 10% FTE
14. *mSafety – Preliminary Work for a Text and Video Messaging Home Safety Intervention for Teen Mothers* 2/17-1/18
Hassenfeld Child Health Innovation Award (PI: Mello)
Amount: \$24,916
Role: Co-investigator, unpaid
 15. *Creating a Non-ACGME Fellowship in Digital Innovation in Health Care and Education* 6/17-5/19
Academic Development Award, UEMF (PI: Pensa)
Amount: \$80,000 Role: Mentor
 16. *A Patient Decision Aid to Augment Lethal Means Counseling for Suicidal Patients* 7/17-6/19
NIMH (PI: Betz)
Amount: \$721,877
Role: Consultant
 17. *Mobile peer-support for opioid use disorders: refinement of an Innovative machine learning tool.* 4/19-3/20
NIDA (PI: Beaudoin) R41 DA047837
Amount: \$225,000
Role: Co-investigator, 7.5% FTE
 18. *IMPACT (Intervention Media to Prevent Adolescent Cyber-conflict through Technology)* 6/19-6/20
University of Wisconsin SMAHRT Grant (PI: Ranney)
Amount: \$180,000
Role: Principal Investigator, 10% FTE
 19. *SBIR Phase I: Harnessing Natural Language Processing for Scalable Text-based Behavioral Health Care* 7/19-3/20
National Science Foundation (PI: Bommaraju/Jain)
Role: Consultant, 7.5% FTE
 20. *Connect-19* 6/20-9/21
University of Wisconsin SMAHRT Grant, Phase 2 (PI: Ranney)
Amount: \$80,000
Role: Principal Investigator, 5% FTE
 21. *ED Smart Notifications: Real-time Predictive Modeling of At-Risk Emergency Department Patients* 5/18-7/21
Advance-CTR (PI: Ranney)
Amount: \$80,849
Role: Principal Investigator, 10% FTE
 22. *Center of Biomedical Research Excellence (COBRE) on Opioids and Overdose* 8/18-7/23
NIDA P20 GM125507 (PI: Rich and Green)
Amount: \$11,800,000

Role: Co-Investigator, 3.5% FTE

23. *Understanding the Interplay of Social Context and Physiology on Psychological Outcomes in Trauma-Exposed Adolescents* 7/16-3/21
NIMH R01 MH108641 (PI: Nugent)
 Amount: \$3,330,063
 Role: Co-investigator, 15% FTE

UNIVERSITY TEACHING ROLES

Undergraduate

2010-present **Instructor, BIOL1950/1960** (Independent Research Study for Brown University undergraduates) (2-4 students/year, ~2 hrs/week)

2010-2011	Aaron Roberts (Brown '11)
2011	Fatima Dema (Brown '11)
2012-2013	Alexandra Pierszak (Brown '13)
2012-2013	Catherine Nam (Brown '13)
2013	Isabel Platt (Brown '14)
2013-2014	Adele Levine (Brown '14)
2013-2014	Louise Breen (Brown '14)
2013-2015	Shubh Agrawal (Brown '15)
2014-2015	Gerianne O'Connell (Brown '15)
2015	Sabrina Kunselman (Brown '16)
2015	Lindsey Gantz (Brown '17)
2017	Sandra Chang (Brown '17)
2018-2019	Nicholas Scott (Brown '21)
2017-2020	Isabelle Moseley (Brown '20)
2019-2020	Galen Hu (Brown '20)
2019-2020	Maddie McCarthy (Brown '23)
2020-2021	Chiaka Ibe (Brown '21)
2020-2021	Isabelle Deckey (Brown '21)
2020-2021	Nathaniel Manrique (Brown '21)
2021-2022	Julianna Crotta-Cox (Brown '22)
2021-2022	Anisha Baktha (Brown '23)

2013-present **Instructor, PHP 1970/1980** (Independent Study/Honors Thesis Preparation) (1-4 students/year, ~2 hrs/week)

2012-2013	Margaret Thorsen (Brown '14)
2014-2015	Shubh Agrawal (Brown '15)
2015-2016	John Lam (Brown '16)
2016-2017	Katie Magid (Brown '17)
2016-2017	Zoe Gilbard (Brown '18)
2018-2019	Ameera Kuforiji (Brown '19)
2018-2020	Renny Ma (Brown '20)

2019-2020	John (Robbie) Felton (Brown '21)
2019-2020	William Mims (Brown '21)
2019-2021	Amalia Bay (Brown '21)
2020-2021	Sofia Mason (Brown '21)

Undergraduate Medical Education

2008-2013 **Preceptor, Community Health Rotation**, Alpert Medical School of Brown University [*Note: this clerkship no longer exists as of 2014*] (~1-2 students/rotation)

June 2008	John Rommel, AMS '09, Chart review of urban shooting and stabbing victims.
May 2009	Peter Chai, AMS '10, Development of pilot survey of motorcyclists' helmet knowledge, attitudes, and behavior.
September 2009	Joshua Keegan, AMS '10, Chart review of motorcycle crashes.
October 2009	Emily McElveen, AMS '10, Development of list of resources for youth violence victims seen in the ED.
February 2010	Sarah Housman, AMS '11, Development of list of resources for teen dating violence victims seen in the ED.
April 2010	Elizabeth Anto, AMS '11, Creation of SBIRT simulation scenario for emergency medicine residents.
May 2010	Andrew Baum, AMS '11, Literature review of technology-based public health interventions in the ED.
August 2010	Yvonne Wang, AMS '11, Piloting a survey of ED patients' preferences for technology-based health education.
September 2010	Nitin Aggarwal, AMS '11, A systematic review of ED technology-based health education.
October 2010	Monica Kaitz, AMS '11, Conducting a survey of adult ED patients' preferences for technology-based health education.
November 2010	Evan Levanthal, AMS '11, Conducting a survey of adolescent ED patients' preferences for technology-based health education.
February 2011	Zerlina Wong, AMS '12, Conducting a survey of adolescent ED patients' preferences for technology-based health education.
February 2013	Kezia Spence, AMS '13, A systematic review of the ethics of mHealth interventions for adolescents.
November 2013	Brian Chang, AMS '14, Twitter and alcohol.
December 2013	David Kim, AMS '14, Gender and technology preferences.

2010 **Discussion Group Leader**, Biol 3710-O -- Healing Medicine (Elective) (~ 15 students)

2010-2011 **Doctoring Course Faculty**, Alpert Medical School of Brown University (5 hrs/wk, 1 student/year)
 • Audrey Butcher (AMS '13)

2011-2015 **Co-Director**, Summer Student Journal Club, Brown Department of Emergency Medicine. (10-15 students/year.)
Weekly hour-long journal club focusing on core research concepts for summer student RAs. Designed syllabus and coordinated weekly presentations for undergraduate- and graduate-level volunteer summer research assistants within the Department of Emergency Medicine. Average teaching scores 4.6/5, average course scores 4.5/5

2016-2017	Director , Preclinical elective on Digital Health, Alpert Medical School of Brown University (~15 students). <i>Conceived of and designed syllabus in conjunction with mentee, invited speakers, led course.</i>
2016-present	Medical Student Thesis Advisor , Masters in Population Health, Alpert Medical School of Brown University. Eric Bai (AMS '22) Alexa Kanberg (AMS '20) Benjamin Pallant (AMS '22)
2017-2020	Co-Director , Summer Research & Scientific Skills Workshops, Alpert Medical School of Brown University (~50 students/year). <i>Weekly seminar series focusing on core research concepts for undergraduate- and graduate-level volunteer summer research assistants. Designed syllabus, coordinated weekly presentations, collaborated with Hassenfeld Institute and Brown Center for Bio-Informatics to create cross-disciplinary content.</i>
2019-present	Instructor , Third Year Intersession, Alpert Medical School of Brown University. "What You Can Do About Gun Violence" (~160 students/year). <i>Designed and led three interactive workshops introducing MS-3s to basic concepts of firearm injury prevention. Designed pre/post assessment. Invited and coordinated guest lectures.</i>

Graduate - School of Public Health

2012-present	MPH Internship Advisor , PHP 2070 (1-2 students/year) 2013-2014 John Patena MA (Brown MPH '14) 2014-2015 Madeline Montgomery (Brown MPH '15) 2016-2017 Maurice Hajjar (Brown MPH '17) 2019 Betty Czitrom (Brown MPH '20)
2012-present	Instructor & Thesis Advisor , PHP 2980/2985 (MPH Graduate Independent Study/Thesis Research) (1-2 students/year) 2013-2014 Alison Riese MD (Brown MPH '14) 2013-2014 Frances Turcotte-Benedict MD (Brown MPH '14) 2013-2014 John Patena MA (Brown MPH '14) 2014 Piyawadee Raksasil MD (Brown MPH '15) 2016-2017 Maurice Hajjar (Brown MPH '17) 2019-2020 Betty Czitrom (Brown MPH '20) 2019-2020 Reid Secondo (Brown MPH/MPA '20) 2019-2020 Ameera Kuforiji (Brown MPH '20) 2020-2021 Nicholas Jones (Brown PhD in Health Policy, expected 2022)
2012-2015	PHP 2170, Injury as A Public Health Problem. New course for graduate-level MPH and PhD students within the Department of Epidemiology.

2012	Co-Director (2012: 5 students). <i>Designed syllabus, co-led course. Received departmental letter commending my “outstanding teaching scores.”</i>
2013-2015	Director (2013: 4 students. 2014: 5 students; 2015: 6 students). <i>Revamped syllabus, incorporating new technology-based interactive components into course. Received departmental letter commending my “outstanding teaching scores.”</i>
2013-present	PHP 1001, Introduction to Public Health. Required online course for all incoming public health students. Instructor for <i>Injuries: Prevention of Injury and Violence in the US.</i>
2013-present	Thesis Reader Miriam Amanullah (Brown MPH '13) Brian Bayliss (Brown MPH '16) Kate Magid (Brown MPH '18) Jack Hester (Brown MPH '21) Dakota Rome Paul (Brown MPH '22)

Graduate - Resident Education

2008-present	Supervise and teach emergency medicine and off-service residents during each clinical shift. 2017 average teaching evaluation = 8.3 on 9 point scale (above departmental mean)
2010-present	Director, Injury Prevention Elective (1-2 students/year)
2010	Tracy Madsen , Brown EM Residency '12 Completed a manuscript that was published in <i>J Interpersonal Violence</i> ; assisted with development of a research project and wrote manuscript (1 st author) that was published in <i>West J Emerg Med</i> .
2012	Nadine Himelfarb , Brown EM Residency '12 Completed a review of injury prevention in EM and assisted with development of a powerpoint presentation.
2012	Karen Maule , Northwestern University Pediatrics Residency '12 Assisted with development of a web-based youth violence learning module. Developed list of advocacy laws and resources for Rhode Island.
2013	Alexis Lawrence , Brown EM Residency '14 Assisted with creating a “flipped classroom” model for an injury prevention course.
2014	Jonathan Ameli , Brown EM Residency '17 Initiated a systematic review of clinical firearm screening and interventions. (Manuscript published 2016 in <i>Epi Review</i>)
2016	Rebecca Karb , Brown EM Residency '18 Developing a survey of firearm-related knowledge and attitudes among ED patients.
2018	Jonathan Fletcher , Brown EM Residency '20
2019	Zack Lipsman , Brown EM Residency '19
2021	Luke Messac , Brown EM Residency '22
2017-2019	Co-Director, Emergency Medicine Journal Club. Designed curriculum, managed, and conducted <u>monthly</u> journal club sessions for all Brown emergency medicine residents and fellows.

Graduate - Fellow Education

2010-present **Faculty**, Injury Prevention Research Fellowship

2019-present **Director**, Digital Health Innovation Fellowship.

School of Professional Studies

2020-present **Co-Director**, Pandemic Problem-Solving: Surviving and Thriving in the Age of Pandemics (online course).
Co-developed and co-directing a 6-week, twice-weekly, online-only course incorporating live lectures and case studies.

2021-present **Director**, Digital Health Innovation Certificate Course (online certificate program).
Developed and co-leading a four module certificate program to introduce advanced learners to the process of designing and evaluating novel digital health innovations. Co-designed with School of Engineering, School of Medicine, and School of Public Health leaders, as well as the Digital Medicine Society.

ADDITIONAL TEACHING AND MENTORSHIP**Career**

2010-present **Faculty Advisor**, Department of Emergency Medicine

Class of 2014 **Arlene Chung**. Currently a residency program director at Maimonides (NYC).

Class of 2016 **Naomi George**. Finishing a critical care fellowship at Brigham & Women's hospital.

Class of 2019 **Ashley Gray**. Community physician.

Class of 2020 **Jonathan Fletcher**. Community physician.

Class of 2023 **Anita Knopov**. PGY-3 resident, planning on an academic career.

Research**Undergraduates**

2013 **Brandon Vorrius** (Brown '15)
Summer Research Internship
 "Injury Prevention as a Public Health Problem"
 Received a LINK award for his mentored research project; his work was published as the Canvas site for PHP 2170

2013-15 **Margaret Thorsen** (Brown '16)
Summer Research Internship
 "DOVE-4G: A Qualitative Study"
 Received a Brown Summer Research Assistant (SRA-EM) Award for her mentored research project. Manuscript published in *J Adolesc Health*.
Independent Study/Senior Thesis

2013-15 “A Text-message Depression Prevention Intervention for High-Risk ED Patients”
 Paper presented at *HICSS-48*. Manuscript published in *Behav Med*.
Shubh Agrawal (Brown ’15)
Summer Research Internship
 “A Text-message Depression Prevention Intervention for High-Risk ED Patients”
 Received a Brown Undergraduate Teaching and Research Award (UTRA) for her
 mentored research project.
Independent Study/Senior Thesis
 “Parental Perceptions of Informed Consent for mHealth Studies”
 Honors Thesis.

2015-2016 **Sabrina Kunselman** (Brown ’16)
Summer Research Internship/Independent Study
 “A Text-message Depression Prevention Intervention for High-Risk ED patients”
 Awarded a Brown Undergraduate Teaching and Research Award (UTRA) for her
 mentored research project.

2015-2016 **Lindsey Gantz** (Brown ’17)
Independent Study
 “A Text-message Depression Prevention Intervention for High-Risk ED patients”

2015-2016 **Jeffrey Lam** (Brown ’16)
Senior Thesis Advisor
 “Testing Text Messaging of Positive Psychology Exercises”

2015-2017 **Sandra Chang** (Brown ’17)
Independent Study
 “A Text-message Depression Prevention Intervention for High-Risk ED patients”

2015-2017 **Kate Magid** (Brown ’17)
Independent Study/Senior Thesis Advisor
 “CPR Knowledge, Attitudes, and Practice of Undergraduate Students”
 Awarded the Academic Excellence in Public Health Award for her work with me at
 Brown University Commencement, May 2017

2016-2017 **Zoe Gilbard** (Brown ’18)
Independent Study
 “Cyberbullying in High-Risk Adolescents”

2016-2018 **Thomas Martin** (Brown ’18)
Summer Research Internship/Independent Study
 “EMS and Health Information Exchanges”

2016-2020 **Isabelle Moseley** (Brown ’20)
Summer Research Assistantship/Independent Study
 “Cyberbullying in High-Risk Adolescents”
 Awarded a Brown Summer Research Assistantship (SRA) for this project
 Currently writing senior thesis on data from the SRA

2018 **Karla Monge** (Brown ’21)
Summer Research Assistantship
 Awarded a Brown Summer Research Assistantship (SRA) for this project

2018-2019 **Ameera Kuforiji** (Brown ’19)
Independent Study/Senior Thesis
 “Firearm Injury Prevention by Physicians”

2018 **Daniel Youkiles** (Brown ’19)
Mentor
 “Firearm Injury Prevention: A Historical Perspective”

2018-2021 **Nicholas Scott** (Brown ’21)
Summer Research Assistantship/Independent Study

2018-2021 “Digital Health for At-Risk ED patients”
 Awarded an EDHI internship summer 2018; awarded an UTRA summer 2019
Galen Hu (Brown ‘21)
Summer Research Assistantship/Independent Study
 “A Text Message Intervention for Violence Reduction”
 Awarded a Summer UTRA for this project
 Completed his Senior Thesis with Honors for the Department of Biology on this project

2019 **Viknesh Kathuri** (Brown ‘22)
Summer Research Assistantship
 “First Aid for Mass Casualties in Schools”
 Received a Summer Research Assistantship for work on this project.

2019-present **Amalia Bay** (Brown ‘22)
Independent Study/Summer Research Assistantship
 “Digital Health for Adolescent Mental Health”
 Completed a full year independent study; awarded the EDHI Internship summer 2020

2019-present **Madeline McCarthy** (Brown ‘23)
Independent Study/UTRA
 “Firearm Injury Prevention”
 Completed a full year independent study; awarded a summer ‘20 UTRA to support her work on developing firearm injury prevention curricula

2021 **Victoria Cao** (Brown ‘23)
Education Initiatives/UTRA
 Working as a Fall UTRA recipient on designing the Digital Health Certificate.

2021 **Keyana Zahiri** (Brown ‘23)
Education Initiatives/UTRA
 Working as a Fall UTRA recipient on designing the Digital Health Certificate.

2021-2022 **Mohammed Aktel** (Brown ‘23)
Education Initiatives
 Developing curricula and redesigning the social media presence of the Center for Digital Health.

2022 **Devon Scott** (Brown ‘25)
Independent Study/UTRA
 Awarded a summer ‘22 UTRA to assess equity and inclusion in two research studies at the Center for Digital Health.

Medical Students

2010 **Sienna Vorono** (AMS ‘11)
Independent Study
 “Youth Violence in Providence”
 Assisted with a chart review. Author on an abstract presented at SAEM ‘12.

2010 **Andrew Baum** (AMS ‘11)
Independent Study
 “Technology Preferences of Emergency Department Patients”
 Author on publication in *Annals of EM*.

2010 **Yvonne Wang** (AMS ‘11)
Independent Study
 “Technology Preferences of Emergency Department Patients”
 Author on publication in *Annals of EM*.

2010 **Linda Ratanaprasatporn** (AMS ‘13)

	<i>Summer Research Internship</i>
	“Designing a web-based youth violence education program for residents”
	Received a Brown Medical School Emergency Medicine Summer Research Assistantship (EM-SRA)
2010	Audrey Butcher (AMS ’13)
	<i>Summer Research Internship</i>
	“A qualitative inquiry into adolescent female experiences with community violence”
	Received a Brown Medical School Emergency Medicine Summer Research Assistantship (EM-SRA)
2011-14	Matthew Klein (AMS ’14)
	<i>Summer Research Internship</i>
	<i>Independent Study</i>
	<i>Longitudinal Research Project</i>
	“Correlates of Peer Violence in the Youth Risk Behavioral Survey (YRBS)”
	Received a Brown Medical School Emergency Medicine Summer Research Assistantship (EM-SRA) for work on this project; Won first place in Brown medical student summer research poster session; Presented at the 2012 American Public Health Association (APHA) Annual Meeting.
2011	Suresh Mohan (AMS ’15)
	<i>Summer Research Internship</i>
	“Recording Ethnicity, Race and Language: A comparison of documented and self-identified demographics”
	Author on a poster presentation at 2012 American College of Emergency Physicians (ACEP) Scientific Assembly
2011	Scott Guelich (AMS ’11)
	<i>Independent Study</i>
	“A White Paper on the Security and Privacy of SMS”
	Created a white paper that was submitted to the IRB to support the inaugural mHealth study in our department
2012-2014	David Kim (AMS ’14)
	<i>Independent Study</i>
	“Impact of Gender on Patient Preferences for Technology-Based Behavioral Interventions.”
	Mentored project published in Western Journal of Emergency Medicine; Student is first author
2012	Grace Bhak (AMS ’12)
	<i>Independent Study</i>
	“Child Abuse Treatment Protocol”
	Created a figure for a book chapter on child abuse
2013	Eve Purdy (Queens University ’16)
	<i>Summer Research Internship</i>
	“Mobile health in emergency medicine”
	Developed a new blog and Twitter presence as part of my mentorship
2013-2015	Natalie Locci (AMS ’17)
	<i>Summer Research Internship</i>
	<i>Longitudinal Research Project</i>
	“Gender-specific research in mental health”
	Completed a comprehensive review of the literature. Presented her data at the <i>SAEM Consensus Conference</i> , Dallas, TX, May 2014. Second author on a publication in <i>Academic Emergency Medicine</i> .
2014-2015	Brian Chang (AMS ’14)

	<i>Independent Study</i>
	“Twitter and Alcohol: A Research Study”
	Created the protocol for a research study. Second author on publication in <i>Academic Emergency Medicine</i> .
2014	Curtis Haynes (AMS '18; withdrawn)
	<i>Summer Research Internship</i>
	“A Systematic Review of Firearm Violence”
	Participated in creation of a systematic review protocol.
2014-2016	Faith Birnbaum (AMS '16)
	<i>Medical Student Fellowship (year-long)</i>
	“Digital Health and Patient Engagement”
	Received a year-long fellowship to participate in my funded research and to create an independent research study
	First author on a manuscript (with student as first author) accepted to <i>Academic Emergency Medicine</i>
2015-2016	Anjali Chandra (AMS '16)
	<i>Longitudinal Research Project</i>
	“Online Social Networking and Post-Traumatic Stress Symptoms”
	Conducted a longitudinal study of the effect of OSN on adolescent trauma patients' symptoms. Preparing a manuscript for submission. Abstract presented.
2015-2018	Cassandra Duarte (AMS '18)
	<i>Summer Research Internship</i>
	<i>Longitudinal Research Project</i>
	“iDOVE and Digital Health”
	Received a Brown Medical School Emergency Medicine Summer Research Assistantship (EM-SRA) for work on this project. Second author on manuscript published in <i>mHealth</i> .
2015-2018	Margaret Thorsen (AMS '19)
	<i>Longitudinal Research Project</i>
	“HIEs and Emergency Department Visits”
	Received a Brown Medical School Emergency Medicine Summer Research Assistantship (EM-SRA) for work on this project.
	First author on paper presentation at <i>American Medical Informatics Association 2017</i>
	Completed a related scholarly concentration in bioinformatics.
	Won “best student poster” award for her summer project.
2017-2018	Maurice Hajjar (AMS '18)
	<i>Longitudinal Research Project</i>
	“Digital Health in the Emergency Department”
	Completed a masters' thesis based on work on a two-way text-messaging program
	Presented abstract at SAEM New England Research Directors' Regional and National Meetings; publication in preparation.
2017-2019	Nicholas Gabinet (AMS '20)
	<i>Longitudinal Research Project</i>
	“Firearm Injury Prevention Among Emergency Department Patients”
	Completed a comprehensive overview of ED-based firearm injury prevention best practices and resources.
	Collaborating on ongoing firearm injury prevention initiatives
2018-present	Nikki Thomasian (AMS '21)
	<i>Longitudinal Research Project</i>
	“High-Utilizing Emergency Department Patients”

Received a Brown Medical School Summer Research Assistantship for work on this project. Completed a publication during her “gap year” prior to residency.

2018-2021 **Kira Bromwich** (AMS ‘21)
Longitudinal Research Project
 “Firearm Injury Prevention in Adolescents”
 Author on scoping review for NICHD R24 (published 2019)

2019-2022 **Christopher Koehler** (AMS ‘22)
Longitudinal Research Project
 “Social Determinants of Health in Depressed Adolescents”
 Received a Brown Medical School Summer Research Assistantship for work on this project. Paper accepted at *JMIR uHealth*.

2019-2022 **Ben Pallant** (AMS ‘22)
Longitudinal Research Project
 “Sexual Health in Adolescents’ Social Media Messages”
 Completed a Masters’ Thesis for the PCPM program. Paper currently under review.

2019-2022 **Eric Bai** (AMS ‘22)
Longitudinal Research Project
 “ED Smart Notifications: Using Big Data for Predictive Analytics”
 Published a first-author paper on his work in *Applied Clinical Informatics*, with a second paper in progress.

2019-2022 **Kristy Blackwood** (AMS ‘22)
Longitudinal Research Project
 “Gun Violence as a Public Health Problem”
Received a \$5000 Grant from Emergency Medicine Foundation in Oct 2020: “Firearm Violence and Safety Training in Undergraduate Medical Education: Evaluation of First Year Clinical Skills Curricular Intervention”
Independent Study
 “Firearm Injury Prevention Research”
 Quantitative and qualitative data analysis and drafting of a manuscript.

2019-present **Sophia Song** (AMS’23)
Longitudinal Research Project
 “ED Smart Notifications”
 Received Summer Research Assistantship for this project

2021 **Katie Chiou** (AMS ‘25)
Summer Research Assistantship (SRA-PLME)
 “Connect-19”
 Received a Summer Research Assistantship for work on this project.

2021 **Aneeqah Naeem** (AMS ‘24)
Summer Research Assistantship (SRA-EM)
 “CDH Education & Workforce Development”
 Received a Summer Research Assistantship for work on this project.

2021 **Tess Trink** (AMS ‘24)
Summer Research Assistantship (SRA)
 “Guardians 4 Health”
 Received a Summer Research Assistantship for work on this project. Presented work at the FACTS Consortium; currently writing a manuscript.

2021 **Mark Behar** (AMS ‘25)
Longitudinal Research Project
 “A Machine Learning Model for Estimating Appointment Load and Health System Burden to Determine the Future of Home Health Technologies”

Project for the Biomedical Informatics Scholarly Concentration program; serving as a healthcare utilization domain mentor.

Residents

2008	Katherine Kimbrell (Brown EM Residency '11) "Smoking Cessation in EM" Mentored student in a structured literature review that informed grant authorship. Currently working clinically in community emergency medicine practice in Virginia
2010-2012	Kimberly Pringle (Brown EM Residency '13) "Recording Ethnicity, Race and Language: A comparison of documented and self-identified demographics" Awarded the UEMF Resident Scholarly Grant for the project. Presented abstract at ACEP Scientific Assembly Currently working at the CDC
2014-2015	Tony Zhang (Brown EM Residency '17) "Design in Health" Mentored in authorship of grants; currently working as an academic researcher at Jefferson University
2014-2015	Jonathan Ameli (Brown EM Residency '17) "A Systematic Review of Clinically-Based Firearm Research" Abstract presented at the American College of Emergency Physicians' Research Forum, October 2015. Manuscript published in <i>Epi Reviews</i> .
2016-2018	Rebecca Karb (Brown EM Residency '18) "Firearm safety in the ED" Second author on publication in <i>J Behav Research</i> .
2016-2018	Jonathan Fletcher (Brown EM Residency '20) "Firearm injury prevention" Second author on publication in <i>Annals of Emergency Medicine</i> .
2020	Luke Messac (Brown EM Residency '22) Authored an op-ed published in the Providence Journal.

Graduate Students

2012-2013	Madeline Montgomery (Master's in Public Health '13) Field experience supervisor Presented 1 abstract based on field experience
2018	Stephen Dove (Master's in Computer Science '18) Mentored on final Masters product: "Predicting Clinical Events with Machine Learning"
2019-2020	Betty Czitrom (Master's in Public Health '20) Field experience supervisor Primary Reader for Thesis
2019-2020	Ameera Kuforiji (Master's in Public Health '20) Research assistantship Primary Reader for Thesis
2019-present	Nicholas Jones (PhD in Health Policy, expected for '23) Mentor in dissertation
2019-present	Langa Bakhuluma-Ncube (Master's in Public Health '21) Research assistantship.

2020-present Primary Reader for Thesis.
Talie Massachi (PhD in Computer Science '22)
 Comps Committee

2020-2021 **Jack Hester** (Master's in Public Health '21)
 Primary Reader for Thesis.

2021-present **Tyne A. Riddick** (Master's in Public Health '22, Oregon Health Sciences University)
 Preceptor for practical experience and integrative project

2022-present **Elizabeth (Molly) Stettenbauer** (PhD in Health Services Research, expected '27)
 Mentor. Currently working on first-author paper.

Fellows

2011-2014 **Frances Benedict-Turcotte** (Brown Pediatric Emergency Medicine Fellowship '14)
 Mentored project presented as an oral presentation at American Association of Pediatrics Annual Meeting. Manuscript published.
 Currently an academic pediatric emergency physician at Kansas City Medical Center.

2012-2014 **Alison Riese** (Brown Injury Prevention Research Fellowship '14)
 Mentored project awarded a prestigious American Pediatric Association junior investigator award. Project presented at Injury Free Kids and Pediatric Academic Society meetings. Three manuscripts published.
 Currently an academic pediatrician at Hasbro Children's Hospital.

Post-Doctoral Students

2016-2018 **Yanick Brice MA PhD** (K12 scholar, Center for Comparative Effectiveness Research, School of Public Health, Brown University)
 Mentor for her K12 program

2018-2019 **Jonathan Jay PhD** (Post-doctoral scholar, University of Michigan)
 Mentor for his post-doctoral program on firearm injury prevention research

2018-2020 **Lauren A. Magee, PhD** (Postdoctoral Fellow, Indiana University School of Medicine)
 Mentor for NICHD-Pediatric Trauma & Critical Illness Branch Award, "Identifying Victims of Firearm Assault: A Population Health Approach."
 Award#:1F32HD101211-01 (11/1/2019-10/31/2021)

2019-2021 **Alexandra Bettis, PhD** (T32 Fellow, Department of Psychiatry & Human Behavior, Alpert Medical School, Brown University)
 Research Mentor; Awarded Klingenstein Career Development Award, April 2020

2020-2021 **Taylor Burke, PhD** (T32 Fellow, Department of Psychiatry & Human Behavior, Alpert Medical School, Brown University)
 Research Mentor on K23 application, "Passive assessment of behavioral warning signs for suicide risk in adolescents: An idiographic approach." K23 MH126168 – awarded 4/2021

Faculty

2016-present **Alison Riese, MD, MPH**, Attending Physician, Dept of Pediatrics, Brown Univ.
 Appointed as official Department of Pediatrics mentor, Nov 2016 – present.
 Mentor on multiple foundation grant applications. Co-investigator on two grants.

2016-present **Gita Pensa, MD**, Attending Physician, Dept of Emergency Medicine, Brown Univ.
 Mentor on Academic Development Award (Jun 2017-May 2019)

2017-present **Kirsten Langdon, PhD**, Assistant Professor, Dept of Psychiatry & Human Behavior, Brown Univ.

	Mentor on K23 application, “Integrated Digital Health Intervention to Promote Engagement in and Adherence to Medication-Assisted Treatment.” NIDA K23DA046482 – awarded 5/2019
	Mentor on CTR Mentored Research Award, “Novel Digital Health Intervention to Promote Engagement in and Adherence to Medication-Assisted Treatment” (awarded 4/2018)
	Dr. Langdon was the recipient of the Psychiatry Department’s “Award of Excellence,” March 2019
2018-present	Rebecca Karb, MD PhD , Attending Physician, Dept of Emergency Medicine, Brown. Mentor on firearm injury research; involved in NICHD R24. One publication together.
2019-present	Mentor on RI Foundation grant, awarded 2019. Kristen Mueller, MD , Assistant Professor in Emergency Medicine, Washington University School of Medicine. Mentorship in authorship of K grant and general career mentorship.
2020-present	Primary mentor on funded Emergency medicine foundation proposal to develop predictive model of violence recidivism. Adam Lewkowitz MD , Assistant Professor, Department of Obstetrics & Gynecology, Brown University. Primary mentor on K23 application, “A novel app-based cognitive behavioral therapy intervention for preventing postpartum depression.” NIH NICHD K23-HD103961 – awarded 9/2021
2020-present	Lauren A. Magee, PhD , Assistant Professor, Indiana University School of Medicine.
2020-present	Mentor on firearm injury T32. Currently preparing K01 application. Sandy McKay, MD . Associate Professor of Pediatrics, McGovern Medical School at UTHealth.
2021-present	Mentorship in authorship of an R34 grant to CDC; general career mentorship. Taylor Burke, PhD (Assistant Professor, Department of Psychiatry, Harvard Medical School) Research Mentor on K23 application, “Passive assessment of behavioral warning signs for suicide risk in adolescents: An idiographic approach.” K23 MH126168 – awarded 4/2021

Exhibit 2

Megan L. Ranney, MD, MPH, FACEP
Legal Cases – Depositions/Trials
2018-2022

Jane Moir, Personal Representative of the Estate of Allan Moir v. Shin-Yi Lai, MD, *et al.*

Commonwealth of Massachusetts Superior Court

Civil Action No. 15-2556-C

Testimony (trial): May 17, 2022

Attorney:

Christopher R. Lavoie, Esq. and Toby M. Jesson, Esq.

Dunn and Dunn

11 Beacon Street, Suite 1100

Boston, Massachusetts 02108

Ellen Paul v. Laura A. Welsh, MD, *et al.*

Commonwealth of Massachusetts Superior Court

Civil Action No. 1784-CV-02681

Testimony (trial): August 18-19, 2021

Attorney:

Matthew R. Connors, Esq.

Capplis, Connors, & Carroll, PC

18 Tremont St, Suite 330

Boston, Massachusetts 02108

Exhibit 3

BACKGROUND AND QUALIFICATIONS

1. I am a practicing emergency physician in Rhode Island and public health researcher. My research training is in injury and violence prevention, or the science of how to effectively reduce the number and severity of injuries.

2. I have spent my entire post-medical-school clinical career working at the State of Rhode Island's largest emergency departments – Rhode Island's only American College of Surgeons-certified Level 1 adult and pediatric trauma centers, and the state's only American College of Surgeons-certified Level 2 trauma center.

3. Rhode Island has been fortunate to not experience a public mass shooting; but there have been many, many evenings where I have taken care of multiple gunshot wounds, in quick succession. I have cared for victims of firearm suicides, domestic violence shootings, drive-by shootings, purposeful shoot-outs, unintentional shootings, and more.

4. Additionally, I am a fellowship-trained researcher on injury prevention. One of my core areas of focus is firearm injury prevention.

OPINIONS

A. The Medical Response to Firearm Injuries

5. Let me describe to you what the process of resuscitation is like in the trauma bay, when we receive a patient who has a gunshot wound.

6. We often, but not always, receive a pre-notification of a shooting from the police or from emergency medical services. In these cases, we gather our team (generally consisting of an emergency medicine resident, a surgery resident, an attending emergency physician, an attending trauma surgeon, respiratory therapy, at least two nurses, a radiology technician, at least one medical technician, and a social worker) and our supplies ahead of time. If we do not have pre-notification, we do our best to gather the team as soon as the patient rolls into the emergency department.

7. On arrival, we assess the patient's airway, breathing, and circulation: by seeing if they can phonate, by assessing whether they have equal breath sounds, and by measuring their blood pressure. We quickly assess the location(s) of bullet wounds (because this affects our suspicion about the type of injury) and the vital signs, and then we determine our next steps. Importantly, we do not initially attempt to discern whether the wounds are "entrances" or

“exits,” nor do we initially attempt to assess the type of firearm nor the capacity of the magazine used. Our focus at this stage is on the clinical status of the patient in front of us.

8. This initial assessment influences both our decisions in the moment and the patient’s likely long-term outcomes. For example, identifying a gunshot wound in the torso (i.e., the region covered by a tee-shirt or underwear) is more likely to cause severe disability, long-term hospital stay, or death, compared with wounds not in these areas. Gunshot wounds to the head and neck are most often fatal. A patient who has a low blood pressure and a gunshot wound is most likely to need an immediate operation. Additionally, based on my experience as an emergency physician since 2004 (and a board-certified emergency physician since 2009), it is my opinion to a reasonable degree of professional certainty that cases with multiple bullet wounds are more complex, have a higher likelihood of injury that requires surgical intervention, and have a higher likelihood of death in the emergency department.¹

9. Increasing number (and possibly caliber)² of bullet wounds sustained by firearm injury victims is a leading explanation for the increasing severity of firearm injuries,³ increasing firearm injury mortality rates,⁴ and increasing case fatality rates (e.g., death rates once patients make it to the hospital),^{5,6,7} across the country over the last decade.

¹ Carr BG, Schwab CW, Branas CC, Killen M, Wiebe DJ. Outcomes related to the number and anatomic placement of gunshot wounds. *J Trauma*. 2008 Jan;64(1):197-202; discussion 202-3. doi: 10.1097/TA.0b013e318061b628.

² Braga AA, Cook PJ. The Association of Firearm Caliber With Likelihood of Death From Gunshot Injury in Criminal Assaults. *JAMA Netw Open*. 2018;1(3):e180833. doi:10.1001/jamanetworkopen.2018.0833

³ Kalesan B, Zuo Y, Xuan Z, *et al*. A multi-decade joinpoint analysis of firearm injury severity. *Trauma Surgery & Acute Care Open* 2018; 3:e000139. doi: 10.1136/tsaco-2017-000139.

⁴ Bailey HM, Zuo Y, Li F, Min J, Vaddiparti K, Prosperi M, Fagan J, Galea S, Kalesan B. Changes in patterns of mortality rates and years of life lost due to firearms in the United States, 1999 to 2016: A joinpoint analysis. *PLoS One*. 2019 Nov 22;14(11):e0225223. doi: 10.1371/journal.pone.0225223.

⁵ Brantingham PJ, Tita GE, Jung S, Ahern J. Assessment of Case Fatality Rates and Overall Prevalence of Firearm Violence in California, 2005-2019. *JAMA Netw Open*. 2022;5(1):e2145442. doi:10.1001/jamanetworkopen.2021.45442

⁶ Sauaia A, Gonzalez E, Moore HB, Bol K, Moore EE. Fatality and Severity of Firearm Injuries in a Denver Trauma Center, 2000-2013. *JAMA*. 2016;315(22):2465–2467. doi:10.1001/jama.2016.5978

⁷ Kent AJ, Sakran JV, Efron DT, Haider AH, Cornwell EE 3rd, Haut ER. Understanding Increased Mortality After Gunshot Injury. *Am J Public Health*. 2017 Dec;107(12):e22-e23. doi: 10.2105/AJPH.2017.304100. PMID: 29116838; PMCID: PMC5678393.

10. Personally, the most critically ill trauma patients I have cared for (with the exception of two firearm suicides who survived to make it to my doors) were ones with multiple gunshot wounds. Trying to simultaneously stop the blood loss from a lacerated liver, spleen, and lung is much more complex than addressing a single such injury. Internal organs bleed a lot; a heart with a hole in it doesn't work; blood in the lungs makes us unable to get enough oxygen to the body; and we simply can't stem all of these at the same time, even with multiple physicians in the room.

11. A limit on our ability to provide adequate care is particularly dire when multiple patients with gunshot wounds present simultaneously. I have worked evenings when the number of patients with arriving in the emergency department with gunshot wounds stretches our staff, our number of available operating rooms, and even our number of blood supplies available.

B. The Study and Prevention of Firearm Injuries

12. I also work with colleagues across the country to study and prevent firearm injury.

13. One of the core motivators of my work is the belief that we can and must decrease firearm injury in the same way as we decreased car crash deaths – by smart, evidence-based education, community partnership, and enactment of policies that reduce the chance of a weapon or weapon accessory being misused by someone with intent to harm.

14. For cars, we increased safety by changing the design of cars, to make them less lethal (e.g., putting in three-point seatbelts and airbags; changing the windshield glass so it stars rather than turning into shards); changing policies and education to make sure those who are driving are safe (e.g., media campaigns to reduce drunk driving; graduated drivers' licensing programs so that teens have time to accumulate skills); and changing strategies to increase safe behavior (e.g., hospitals requiring that new parents have an appropriate car seat installed prior to discharge; insurance companies providing incentives for safe driving).

15. Although most of my work is in the realm of education and harm reduction, some of my work examines the efficacy of policy. Unfortunately, the peer-reviewed data on the relative degree of damage associated with the use of so-called "high capacity" or "large capacity" magazines is limited. This lack of data reflects both the lack of federal funding for firearm injury prevention research (from 1996-2020, the Centers for Disease Control and

Prevention was appropriated \$0 for this work),⁸ and federal legislation (such as the Tiahrt Amendment) which limit the study of firearm type or magazine capacity in injuries and crimes⁹. Nonetheless, data drawn from police and other investigative databases supports that when high-capacity magazines are used in criminal shootings, the number of victims and number of deaths is, in general, higher.^{10,11} Specifically:

a. Koper *et al*¹² evaluated the “crime guns” recovered by police in a convenience sample of ten cities from which they could obtain data over the time period of ~2012-2014. Acknowledging major limitations to the data sources used, three cities provided data on which firearms were associated with violent/shooting crime versus being seized in other types of crimes. Among these, firearms that were “large capacity magazine”-compatible were more likely to be associated with violent crimes and firearm homicides in all three cities (Baltimore, Minneapolis, and Hartford). They also noted that firearms with large capacity magazines were least likely to be associated with violent crime in Syracuse, where restrictions on magazine purchasing exist.

b. Another study¹³ combined data from the Shot Spotter system (which also has acknowledged limitations) with police data from Minneapolis, Minnesota in 2014. This study reported that although only 15.7-18.6% of shooting incidents involved “high volume gunfire” (e.g., more than 11 shots fired), these incidents

⁸ Betz ME, Ranney ML, Wintemute GJ. Frozen Funding on Firearm Research: "Doing Nothing Is No Longer an Acceptable Solution". West J Emerg Med. 2016 Jan;17(1):91-3. doi: 10.5811/westjem.2016.1.29767.

⁹ Consolidated Appropriations Act 2010, Pub. L. No. 111–117, 123 Stat. 3128-3129 (2009)

¹⁰ Koper CS, Johnson WD, Stesin K, Egge J. Gunshot victimisations resulting from high-volume gunfire incidents in Minneapolis: findings and policy implications. Inj Prev. 2019 Sep;25(Suppl 1):i9-i11. doi: 10.1136/injuryprev-2017-042635

¹¹ Klarevas L, Conner A, Hemenway D. The Effect of Large-Capacity Magazine Bans on High-Fatality Mass Shootings, 1990-2017. Am J Public Health. 2019 Dec;109(12):1754-1761. doi: 10.2105/AJPH.2019.305311..

¹² Koper CS, Johnson WD, Nichols JL, Ayers A, Mullins N. Criminal Use of Assault Weapons and High-Capacity Semiautomatic Firearms: an Updated Examination of Local and National Sources. J Urban Health. 2018 Jun;95(3):313-321. doi: 10.1007/s11524-017-0205-7.

¹³ Koper CS, Johnson WD, Stesin K, Egge J. Gunshot victimisations resulting from high-volume gunfire incidents in Minneapolis: findings and policy implications. Inj Prev. 2019 Sep;25(Suppl 1):i9-i11. doi: 10.1136/injuryprev-2017-042635

made up 25.2-28.1% of injuries, depending on how “high volume gunfire” was defined. They also estimated that incidents with high volume gunfire were more likely to have multiple wounded victims.

c. A summary of existing evidence by Dr. Koper reports estimates that restrictions on magazine capacity would decrease the number of deaths in mass shootings by 11-15%.¹⁴

d. A study by Klarevas *et al.*¹⁵ reports that among public high-fatality mass shootings from 1990-2017, 64% involved firearms with detachable large-capacity magazines. Excluding cases in which the magazine capacity was unknown, these cases had an average of 11.8 deaths per incident (compared with 7.3/incident when a large-capacity magazine was not used).

16. It is therefore my opinion to a reasonable degree of professional certainty that large capacity magazines, because of their enhanced ability to inflict multiple gunshot wounds, add to the number and severity of injuries from firearms.

¹⁴ Koper, CS. Assessing the potential to reduce deaths and injuries from mass shootings through restrictions on assault weapons and other high-capacity semiautomatic firearms. *Criminol Public Policy*. 2020; 19: 147– 170. <https://doi.org/10.1111/1745-9133.12485>

¹⁵ Klarevas L, Conner A, Hemenway D. The Effect of Large-Capacity Magazine Bans on High-Fatality Mass Shootings, 1990-2017. *Am J Public Health*. 2019 Dec;109(12):1754-1761. doi: 10.2105/AJPH.2019.305311. Epub 2019 Oct 17. PMID: 31622147; PMCID: PMC6836798